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1921

REPORT
OF THE
TOWN OFFICERS
OF
IPSWICH, MASS.,



FOR THE YEAR ENDING DECEMBER 31, 1920
AND THE
TWO HUNDRED AND EIGHTY-SEVENTH YEAR OF THE
TOWN'S INCORPORATION.

IPSWICH, MASS.

G. A. SCHOFIELD & SON, PRINTERS.

 686

1921



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PART II.

Water Report
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PART III.

School Report

TOWN OFFICERS, 1920.

SELECTMEN

Eben B Moulton, Chairman	Term expires 1921
John A Brown	Term expires 1922
John H Cameron	Term expires 1923

ASSESSORS

John W Nourse, Chairman	Term expires 1922
George Fall	Term expires 1921
Richard R Glasier	Term expires 1923

OVERSEERS OF THE POOR

Frank T Goodhue, Chairman	Term expires 1922
Charles G Hull, Agent	Term expires 1921
John G Sperling	Term expires 1923

TOWN CLERK

Charles W Bamford	Term expires 1923
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TREASURER AND COLLECTOR

William J Riley	Term expires 1921
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TOWN ACCOUNTANT

Frederick S Witham	Term expires 1922
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SCHOOL COMMITTEE

Herbert W Mason, Chairman	Term expires 1922
George E MacArthur	Term expires 1922
William J Riley	Term expires 1921
Charles H Galligan	Term expires 1921
Luther Wait	Term expires 1923
Leslie C Millard	Term expires 1923

WATER AND LIGHT COMMISSIONERS

Arthur H Walton, Chairman	Term expires 1921
Walter G Brown	Term expires 1922
Charles A Mallard	Term expires 1923

BOARD OF HEALTH

Dr. George E MacArthur, Chairman	Term expires 1921
Aaron Lord	Term expires 1922
George W Smith	Term expires 1923

REGISTRARS OF VOTERS

Charles H Glasier, Chairman	Term expires 1923
Charles W Bamford, Clerk	Term expires 1923
Frank H Girard	Term expires 1921
Lyman H Daniels	Term expires 1922

PARK COMMISSIONERS

Frank T Goodhue, Chairman	Term expires 1922
James A Morey	Term expires 1921
Charles H Wells	Term expires 1923

CEMETERY COMMISSIONERS

Philip E Clarke, Chairman	Term expires 1921
Ralph K Whittier	Term expires 1922
Howard Blake	Term expires 1923

CLAM COMMISSIONERS

Henry A Churchill, Chairman	Term expires 1921
Farley C Lord	Term expires 1922
George W Brown	Term expires 1923

TOWN COUNSEL

Frank E Raymond	Term expires 1921
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CHIEF OF POLICE

Edward Leavitt

ENGINEERS OF FIRE DEPARTMENT

Arthur H. Walton, Chief; Edward H. Smith, Clerk;
Edwin M. Poole

SUPERINTENDENT OF STREETS

Joseph A. Huckins

INSPECTOR OF ANIMALS

G. Loring Woodbury

INSPECTOR OF SLAUGHTERING

E. Newton Brown

FENCE VIEWERS

Warren Boynton Aaron Lord George H. Green

FIELD DRIVERS

Edward Leavitt, V. H. Grant, C. C. Boylan, Jacob Smith

SEALER OF WEIGHTS AND MEASURES

William A. Stone

AUDITOR.

Frederick S. Witham Term expires 1921

MODERATOR

Charles E. Goodhue

FINANCE COMMITTEE

M. Charles Arthur, Chairman; George A. Schofield, Secretary; Jesse H. Wade, Thomas R. Lord, Fred A.

Kimball George E. Hodgkins George H.

Curtis, Sidney H. Perley

DEPARTMENTAL.

SELECTMEN SALARIES

Paid to:

Eben B Moulton	\$283 39
John A Brown	200 00
John H Cameron	166 67
Frank W Kyes	33 33
	\$683 39

OTHER EXPENSES

Paid to:

Charles E Goodhue, moderator	\$20 00
J H Lakeman, P M, postage	13 20
Geo A Schofield & Son, printing reports	451 50
Geo A Schofield & Son, printing and adv	46 30
Chas G Hull, printing	49 00
Essex Book Bindery, binding reports	179 49
D A Grady, auto hire	2 00
Eben B Moulton, car fares	11 18
E O Peabody, boat hire	7 50
New England T & T Co, telephones	77 71
A Stanley Wonson, inspector of wires	367 77
G A Barker, moth liability insurance	193 80
Willis L Augur, ringing bell	60 00
Harold C Poor, distributing reports	8 00
Alonzo L Brown, distributing reports	8 00
C C Boylan, posting warrants & auto hire	42 00
J H Sheppard, labor	5 00

American Railway Ex Co, express	12 14
Chas S Garrette, supplies	20 00
Frank P Trussell, appraisal	25 00
F F Byron, supplies	5 00
Lungmotor Co, lungmotor	49 00
Harold C Poor, killing dogs	6 00
V H Grant, killing dog	1 00
Alfred Langmaid, killing dog	1 00
Edward Leavitt, dog officer	10 00
Ipswich News Co, supplies	22 00
Frank E Raymond, services	58 00
Warren S Preble, map	1 95
A N Frost, Clerk of Courts, fee	3 00
	————— \$1,756 54
Total expenditures	\$2,439 93
Unexpended balance	06

AUDITING AND ACCOUNTING

SALARIES

Paid to:	
Frederick S Witham, auditor	\$150 00
Frederick S Witham, accountant	1,650 00
	————— \$1,800 00

OTHER EXPENSES

Paid to:	
H B McArdle, supplies	\$7 00
Chas S Garrette, supplies	20
H M Meserve & Co, supplies	5 24
Chas G Hull, printing	26 00
American Railway Ex Co, express	59
	————— \$39 03

Total expenditures	\$1,839 03
Unexpended balance	10 97

	\$1,850 00

	\$2,439 99
Appropriation	\$2,355 00
Appropriation unpaid 1919 bills	84 99

	\$2,439 99
Appropriation	\$1,850 00

TREASURER AND COLLECTOR

SALARIES

Paid to:

Wm J Riley, Treasurer and Collector	\$2,200 00
Grace G Bamford, Clerk	1,060 00

	\$3,260 00

OTHER EXPENSES

Paid to:

J H Lakeman, P M, postage	\$184 35
Hobbs & Warren, blanks and stationery	99 16
Geo A Schofield & Son, printing and adv	134 00
Chas G Hull, printing	30 00
Wm J Riley, car fares and expense	22 00
Underwood Typewriter Co, supplies	11 00
H B McArdle, supplies	11 50
Standard Carbon & Ribbon Co, supplies	6 00
H M Meserve & Co, supplies	1 55
Chas S Garrette, supplies	15
Dalton Adding Machine Co, bal. on adding machine	7 00

Director of Accounts, certification of notes	16 00
G A Barker, premium on bond	200 00
Peoples Express, express	48
D D Raymond, protectograph	44 10
Banker & Tradesman, subscription	6 00
	————— \$773 29
 Total expenditures	\$4,033 29
Unexpended balance	1 25
	—————
	\$4,034 54
Appropriation	\$3,650 00
Appropriation unpaid 1919 bills	32 00
December appropriation	352 54
	————— \$4,034 54

ASSESSORS

SALARIES

Paid to :

John W Nourse	\$540 00
John W Nourse, balance 1919 salary	47 52
Richard R Glasier	180 00
George Fall	180 00
	————— \$947 52

OTHER EXPENSES

Paid to :

Wakefield Daily Item, blanks	\$10 00
Lilla D Stott, abstracts	51 11
Auto List Publishing Co, lists	5 00
Hobbs & Warren, blanks	1 56
Chas G Hull, printing	80 00

Frederick S Witham, car fares & expense	7 18
Wm J Riley, car fare and expense	3 00
Geo A Schofield & Son, printing	6 25
John W Nourse, car fare	2 70
	—————
	\$166 80
 Total expenditures	\$1,114 32
Unexpended balance	54 20
	—————
	\$1,168 52
Appropriation	\$1,121 00
Appropriation unpaid 1919 bills	47 52
	—————
	\$1,168 52

LAW DEPARTMENT
SALARIES

Paid to :	
Frank E Raymond, Town Counsel	\$100 00
	—————
	\$100 00

OTHER EXPENSES

Paid to :	
Geo A Schofield, services	\$50 00
Sweeney, Sargent & Sweeney, services	50 00
George H W Hayes, services	100 00
Frank E Raymond, services	290 00
A N Frost, Clerk of Courts, fee	2 50
	—————
	\$492 50
 Total expenditures	\$592 50
Unexpended balance	7 50

		\$600 00
Appropriation	\$300 00	
Transfer from Reserve Fund	300 00	
	————	\$600 00

TOWN CLERK

SALARIES

Paid to:

Chas W Bamford, Town Clerk	\$1,000 00
Grace G Bamford, services as stenographer	40 00
	————

\$1,040 00

OTHER EXPENSES

Paid to:

Geo A Schofield & Son, printing	\$6 50
P B Murphy, blanks	2 70
Charles G Hull, printing	4 00
Hobbs & Warren, blanks	75
R K Whittier, death returns	35 50
Geo G Bailey, M D, birth returns	16 25
Katingo Georgeopoulos, birth returns	5 25
American Railway Ex Co, express	48
Chas S Garrette, supplies	50
Chas W Bamford, recording and indexing vital statistics	280 50
	————

\$352 43

Total expenditures	\$1,392 43
Unexpended balance	57
	————
Appropriation	\$1,393 00
	\$1,393 00

ELECTION AND REGISTRATION

SALARIES

Paid to :

Charle. H Glasier, Registrar	\$50 00
Frank H Girard, Registrar	75 00
Lyman H Daniels, Registrar	37 50

	\$162 50

ELECTION OFFICERS

Paid to :

Geo H Curtis	\$14 50
Geo A Schofield, Jr.	22 00
Frank E Howe	16 50
Arthur H Walton	20 50
Geo W Smith	10 00
Frank H Girard	14 00
Jerse J Jedrey	12 50
Chas A Mallard	9 50
Geo A Schofield	11 00
Walter G Brown	8 00
Chas H Glasier	7 00
Leslie C Millard	8 00
John Conley	4 00
Clarence Pickard	7 00
Arthur V Harris	4 00
J Francis Perkins	9 00
Jeremiah F Sullivan	4 00
Percy R Dort	4 00
Herbert T Mackinney	3 00
Edward Haskell	4 00
Joseph T Morton	4 00
Albert J Pollard	4 00

Simeon L Millard	3 00
J F Austin	4 50
W E Scott	3 00
Chas T Strout	3 00
Lyman H Daniels	3 00
Daniel A McKinnon	3 00
Chas S Grant	5 50
Francis N Bourque	8 50
Alfred H Pickard	4 00
Hazen R Irvine	4 00
Michael J Lucey	4 00
Eben B Moulton	15 00
John A Brown	15 00
John H Cameron	15 00
Edward C Brooks	4 00
	————
	\$295 00

OTHER EXPENSES

Fred R Hull, printing	\$5 00
Geo A Schofield & Son, printing & adv	88 60
H A Russell, meals	33 90
Edward E Wells, meals	11 05
	————
	\$138 55

Total expenditures	\$596 05
Unexpended balance	3 95
	————
Appropriation	\$600 00
	\$600 00

TOWN HALL

SALARIES AND WAGES

Paid to:

Richard R Glasier, janitor	\$1,025 00
Alonzo L Brown, janitor	240 00
J H Shepard, labor	9 60
Chester Stone, labor	8 50
Wm A Parsons, labor	8 50
Fred Robicheau, labor	8 50
Arthur Norwood, labor	2 00
Dana Parsons, labor	2 00

	\$1,304 10

OTHER EXPENSES

Paid to:

Ipswich Gas Light Co, gas	\$34 60
Chas L Lovell, fuel	365 61
A H Peatfield, fuel	132 38
Lathrop Bros, fuel	147 75
George Fall, fuel	142 86
Electric Light Dept, light	436 44
Electric Light Dept, supplies	27 40
Dustbane Mfg Co, dustbane	10 50
Angus I Savory, supplies	11 10
B J Conley, supplies	12 20
J J Merrill, supplies	22 12
John W Goodhue, supplies	1 46
Mass. State Prison, supplies	23 16
George Hayes, plumbing	33 89
W Castella Henderson, repairs	7 70
R L Purinton, plumbing	58 40
A J Brennan, plumbing	38 23

Fred Buzzell, repairs	1 25
The Fairbanks Co, repairs	11 77
Alonzo L Brown, laundry	7 88
F E Wood, trucking	21 92
Water Dept, water	15 50
J L Hammett Co, supplies	22 75
New England T & T Co, telephones	63 70
The W H Bowdlear Co, supplies	17 28
Geo B Robbins Co, supplies	13 50
A F Foote, Comm'r, inspection	4 00
Damon & Damon, insurance	19 80
Geo A Schofield, insurance	40 00
R W Davis, supplies	40
Hiller & Co, supplies	6 22
Richard R Glasier, laundry	3 40
American Railway Ex Co, express	37

	\$1,755 54
Total expenditures	-----
	\$3,059 64
Unexpended balance	60

	\$3,060 24
Appropriation	\$2,315 00
Appropriation unpaid 1919 bills	145 24
Transfer from Reserve Fund	600 00

	\$3,060 24

Receipts to the credit of this department have been as follows:

County of Essex, rent of Court Rooms, 1919 and 1920	\$650 00
Various parties, rent of hall	156 50

	\$806 50

Protection of Persons and Property

POLICE DEPARTMENT

SALARIES AND WAGES

Paid to:

Edward Leavitt, chief	\$1,723 75
Valorous H Grant, patrolman	1 540 00
Clifford C Boylan, patrolman	1 239 50
Jacob Smith, patrolman	949 75
Herbert O Whittier, special	925 00
Harold C Poor, special	399 00
Alfred Langmaid, special	383 26
Jesse J Jedrey, special	212 75
Alonzo L Brown, special	84 63
Harold C Poor, keeper of lockup	156 00
	————— \$7,613 64

OTHER EXPENSES

Paid to:

Richard W Davis, auto hire	\$104 70
Clifford C Boylan, auto hire	45 50
David A Grady, auto hire	105 75
J J Jedrey, auto hire	29 00
Samuel D Dodge, auto hire	15 00

Omer Godin, auto hire	13 50
Arthur H Warner, auto hire	1 50
Ella M Goodhue, canoe hire	2 50
Allen, Doane & Co, supplies	7 50
C F Chapman & Son, supplies	16 35
Geo A Schofield & Son, printing	22 55
New England T & T Co, telephones	104 87
Clifford C Boylan, car fares & expense	8 91
Harold C Poor, car fares & expense	1 56
Valorous H Grant, car fares & expense	4 36
Newman's Dept Store, supplies	10 90
B B Mansfield, M D, services	7 00
M C McGinley, M D, services	8 00
Cable Hospital, services	2 00
Chas S Garrette, supplies	2 30
Richard W Davis, supplies	19 43
Heirs S F Canney, use camp	10 00
H A Russell, meals for prisoners	69 24
Ipswich News Co, supplies	5 50
John W Goodhue, supplies	1 78
J J Merrill, supplies	18 59
Daisy L Poor, laundry	13 20
Edward E Wells, meals for prisoners	30 97
Lungmotor Co, lungmotor	49 00
Geo D Witherill & Co, paint	7 00
Traffic Sign & Signal Co, signs	8 00
American Railway Ex Co, express	40
Edward Leavitt, cash paid out	19 80
Mayer & Porter, supplies	1 38

	\$768 04

Total expenditures	\$8,381 68
Unexpended balance	07
<hr/>	
	\$8,381 75
Appropriation	\$6,500 00
Appropriation unpaid 1919 bills	181 75
Transfer from Reserve Fund	1,700 00
<hr/>	
	\$8,381 75

Receipts to the credit of this department have been as follows:

Third District Court, criminal fines	\$1,267 98
Ipswich Mills, services	1,080 00
Telephone reimbursements	13 93
Private Parties, services	6 00
<hr/>	
	\$2,367 91

FIRE DEPARTMENT

SALARIES AND WAGES

Paid to:

Engineers	\$603 34
Hose Co No. 1 and No. 2	2,694 04
Thomas R Roberts, chauffeur	1,527 00
Brainard C Wallace, chauffeur	415 00
Edward H Smith, substitute chauffeur	205 75
Samuel W Atherley, substitute chauffeur	11 25
Lester Wood, chauffeur	27 00
Sundry persons, still alarms	22 50
Raymond Dodge, labor	1 00
Arthur Norwood, labor	4 00

Silas Stone, labor	3 00
Everett A Smith, labor	3 00
Chester Patch, engineer	25 00
Fred C Rust, fireman	25 00
Charles Dort, labor	3 00
	———— \$5,569 88

HORSES

Paid to:

F E Wood	75 00
Highway Dept	175 00
	———— \$250 00

EQUIPMENT AND REPAIRS

Paid to:

J J Merrill, care of fire alarm	\$488 89
John W Goodhue, supplies	2 13
N J Bolles, supplies	2 39
Walter F Poole, supplies	4 13
Western Union Tel Co, time service	24 00
The Noyes-Buick Co, supplies	29 78
C F Chapman & Son, supplies	5 88
J J Merrill, supplies	92 70
Arthur C Damon, supplies	49 12
Marcorelle Bros, supplies	42
Mayer & Porter, repairs & supplies	108 95
C S Tyler, supplies	15 90
A G Osborne, supplies	17 00
E M Poole, supplies	4 10
Fiske & Blanchard, supplies	5 60
Angus I Savory, supplies	29 98
Lungmotor Co, lungmotor	49 00
Ipswich Mills, repairs	3 12

American LaFrance Co, supplies	10 34
Stuart-Howland Co, supplies	122 85
Joseph A King, repairs	1 34
A F Foote, Comm'r, inspection	2 00
R L Purinton, repairs	16 55
Standard Oil Co, gas	73 54
Edward H Smith, supplies	6 40
Clarence Chever, repairs	3 00
Badger Fire Extinguisher Co, supplies	17 70
A H Blanchard, supplies	11 20
American Auto Radiator & Lamp Works, supplies	8 00
Peoples Express, Inc, express	2 63
Ernest E Currier, supplies	1 40
Canney Lumber Co, lumber	2 65
Electric Light Dept, supplies	4 20

	\$1,216 89

FUEL AND LIGHT

Paid to :	
A H Peatfield	\$135 68
Chas L Lovell	183 27
Lathrop Bros	138 00
George Fall	220 96
Electric Light Dept	185 33
D E Measures	34 84

	\$898 08

MAINTENANCE OF BUILDINGS AND GROUNDS

Paid to :	
Dustbane Mfg Co, dustbane	\$20 50
Geo B Robbins Co, disinfectant	6 75
Water Dept, water	6 00

R L Purinton, plumbing	78 10
Miley Soap Co, supplies	28 00
Arthur C Damon, supplies	15 75
N J Bolles, supplies	35
H W Phillips, supplies	6 75

	\$162 20

PENSION

Paid to:	
Agnes K Gilmore	\$300 00

	\$300 00

OTHER EXPENSES

Paid to:

Chas S Garrette, supplies	\$ 14
Peoples Express, Inc, express	42
American Railway Ex Co, express	1 13
Geo A Schofield, insurance	40 80
Boston & Maine R R, freight	1 23
Chas G Hull, printing	7 50
A F Foote, Comm'r, inspection	2 00
Arthur H Walton, car fares	8 00
F E Wood, trucking	4 61
E A Smith, use of auto	5 00
New England T & T Co, telephones	95 68

	\$166 51

Total expenditures	\$8,563 56
Unexpended balance	169 78

Appropriation	\$7,500 00
Appropriation unpaid 1919 bills	1,233 34

	\$8,733 34

Receipts to the credit of this department have been as follows:

Town of Rowley, services	\$50 00
Telephone reimbursements	25 88
Salary refund—W G Brown	45 00
	—————
	\$120 88

FOREST WARDEN
FIGHTING FIRES

Paid to:

Sundry persons, labor	\$53 00
Everett A Smith, use of auto	3 25
	—————
Total expenditures	\$56 25
Unexpended balance	43 75
	—————
Appropriation	\$100 00
	\$100 00

WEIGHTS AND MEASURES
SALARIES

Paid to:

Wm A Stone, sealer	\$225 00
Wm A Stone, balance 1919 salary	9 70
	—————
	\$234 70

OTHER EXPENSES

Paid to:

Hobbs & Warren, record book	\$2 11
Geo A Schofield & Son, adv	7 50
George Tibbetts, use of team	1 50
D A Grady, auto hire	7 50

Harold C Poor, auto hire	6 00
F E Wood, use of team	25 50
American Railway Ex Co, express	1 48
Arthur C Damon, supplies	4 95
W & L E Gurley, supplies	13 83
C F Chapman & Son, supplies	1 75
Wm A Stone, car fare and expense	6 78
	—————
	\$88 90
	—————
Total expenditures	\$323 60
Unexpended balance	54 84
	—————
	\$378 44
Appropriation	\$350 00
Appropriation unpaid 1919 bills	28 44
	—————
	\$378 44

MOTH DEPARTMENT

SALARIES AND WAGES

Paid to:

Francis C Wade, Superintendent	\$730 02
James A Morey, Superintendent	303 18
John Floyd, labor	471 92
Augustus McInnis, labor	805 03
Frank McInnis, labor	618 20
Fred Buzzell, labor	240 00
Alfred Gallant, labor	82 54
Arthur McIntire, labor	131 35
Orrin Leno, labor	40 28
Garland Dort, labor	83 73
Frank Hovey, labor	7 88

F E Wood, labor	54 57
James A Morey, labor	11 00
	———— \$3,579 70

OTHER EXPENSES

Paid to:

Chas G Hull, printing	\$14 00
Geo A Schofield & Son, adv	6 50
John W Goodhue, supplies	12 71
The Dow Chemical Co, supplies	615 00
Samuel Cabot, Inc, supplies	52 52
Joseph Breck & Sons, supplies	20 16
Angus I Savory, supplies	13 65
James A Morey, use of truck	27 50
F E Wood, use of teams	427 88
Minnie Dort, rent	72 00
Ernest E Currier, supplies	27 65
Francis C Wade, cash paid out	8 94
R W Davis, supplies	12 00
Mayer & Porter, supplies	14 25
Underhay Oil Co, supplies	12 63
Fitzhenry-Guptill Co, supplies	2 29
F E Wood, freight	19 41
Wm P Reilly, supplies	1 20
	———— \$1,360 29
Total expenditures	\$4,939 99
Unexpended balance	04
	———— \$4,940 03
Balance 1919 appropriation	\$2,287 24
Private work	2,652 79
	———— \$4,940 03

TREE WARDEN
SALARIES AND WAGES

Paid to:

Fred Buzzell, labor	\$26 50
John Floyd, labor	118 36
Francis C Wade, labor	182 01
Augustus McInnis, labor	94 57
Frank McInnis, labor	12 01
	—————
	\$433 45

OTHER EXPENSES

Paid to:

Geo H Lord, filing saws	\$3 50
John W Goodhue, supplies	3 92
Joseph Breck & Sons, supplies	13 52
F E Wood, use of team	8 75
James A Morey, wagon	20 00
	—————
	\$49 69
	—————

Total expenditures	\$483 14
Unexpended balance	61
	—————

Appropriation	\$475 00
Appropriation unpaid 1919 bills	8 75
	—————
	\$483 75

Health and Sanitation.

GENERAL ADMINISTRATION SALARIES AND WAGES

Paid to:

Geo E MacArthur, M D	\$100 00
Aaron Lord	62 50
Geo W Smith	68 75

	\$231 25

OTHER GENERAL EXPENSES

Paid to:

Martha J Stewart, cash paid out	\$1 12
Geo A Schofield & Son, printing	16 63
Chas G Hull, printing	6 00
New England T & T Co, telephones	63 23
D A Grady, use of auto	6 50
American Railway Ex Co, express	2 94
F E Wood, use of team	21 50
H W Norris, garbage collection	223 38
Geo A Schofield, insurance	45 00
American Public Health Asso., dues	5 00
Harold C Poor, burying cats	4 00
Walter F Gould, burying dog	1 00

Geo E MacArthur, services	4 00
Frank E Raymond, services	20 00
John Smith, burying dogs	2 00
Commonwealth of Massachusetts, epidemic supplies	1,804 16
	————— \$2,226 46

QUARANTINE AND CONTAGIOUS DISEASES

Paid to:

Salem Contagious Hospital, board & care	\$749 98
City of Boston, board & care	112 86
Geo E MacArthur, M D, services	100 00
Geo G Bailey, M D, services	24 00
B B Mansfield, M D, services	56 96
M C McGinley, M D, services	69 50
J J Jedrey, guard duty	22 87
Alfred Langmaid, guard duty	24 76
C C Boylan, guard duty	27 39
H C Poor, guard duty	92 63
A L Brown, guard duty	27 75
Walter F Poole, groceries	45 76
Marcorelle Bros, groceries	60 02
Tougas & Tougas, groceries	12 00
Costas Poules, loss of wages	10 00
Mrs John Georgeopoulos, loss of wages	10 00
Flora Konithes, loss of wages	10 00
Mrs. Peter Konithes, loss of wages	8 00
Theodore Georgeopoulos, loss of wages	10 00
John Georgeopoulos, loss of wages	10 00
John Demetropoulos, loss of wages	10 00
Peter Georgeopoulos, loss of wages	10 00

James Grivas, loss of wages	10 00
George Grivas, loss of wages	10 00
Peter Grivas, loss of wages	10 00
Mary Stathopoulos, loss of wages	10 00
Wm Spelots, loss of wages	10 00
Nicholas Anistropoulos, loss of wages	3 00
John Lind, loss of wages	24 00
Hamilton Hardware Store, supplies	9 15
E J M Seahill, transportation	136 00
E J M Seahill, fumigation	84 00
Chas L Lovell, fuel	22 25
Edward E Wells, meals	3 20
H A Russell, meals	13 70

	\$1,849 78

TUBERCULOSIS

Paid to :

Commonwealth of Massachusetts, Dept Public Welfare, board and care	\$207 00
Geo E MacArthur, M D, services	13 00
H A Russell, meals	12 25
Salem Contagious Hospital, board & care	246 00
Arthur C Damon, supplies	1 30
Martha J Stewart, car fare	2 10

	\$481 65

CHILD WELFARE DEPARTMENT

Paid to :

Coburn Charitable Asso., services nurse	\$350 00
Martha J Stewart, services	256 26
Geo E MacArthur, M D, services	150 00

	\$756 26

INSPECTION

Paid to:

Aaron Lord, sanitary agent	\$437 50
Geo W Smith, milk inspector	229 17
G Loring Woodbury, inspector of animals	175 00
E Newton Brown, inspector of slaughtering	277 00
D A Grady, use of auto	12 00
	—————
	\$1,130 67
Total expenditures	\$6,676 07
Unexpended balance	96
	—————
	\$6,677 03

Appropriation	\$3,800 00
Appropriation unpaid 1919 bills	1,072 87
Appropriation for hospital supplies	1,804 16
	—————
	\$6,677 03

Receipts to the credit of this department have been as follows:

Commonwealth of Massachusetts, tuberculosis subsidy	\$42 14
Sale of hospital supplies	776 70
Reimbursement from individuals	1 00
	—————
	\$819 84

Highway Department.

GENERAL ADMINISTRATION

Joseph A Huckins, Supt of Streets	\$1,820 04
H B McArdle, supplies	18 13
American Railway Express Co, express	14 95
Peoples Express Inc, express	1 21
Autocar Sales & Service Co, registration fee	2 00
G A Barker, insurance	172 50
Geo E Hodgkins, insurance	74 60
Geo A Schofield, insurance	973 41
E L Blaisdell, express	3 68
Chas S Garrette, supplies	1 62
Geo A Schofield & Son, printing	5 80
Chas G Hull, printing	8 00
Dept of Public Works, registration fee	22 00

	\$ 3,117 94

STREET REPAIRS

LABOR AND TEAMS

John Amero	\$54 00
Harvey Blakely	4 00
A Story Brown	209 50

Edward Bodwell	209	88
Fred Bodwell	283	94
John A Brown	25	00
Ernest Carter	1,029	00
Wm O Conant	277	75
Geo B Courtis	5	00
Wilfred Dunn	3	50
James A Day	6	00
Chas Earley	14	00
Wm S Evans	25	90
 Fred G. Cross	7	00
Paul Garrette	1,200	00
Alphonse Gallant	36	50
John Gaska	128	94
John Hovey	901	00
Edward G Hull	3	94
John Halubowski	104	71
Rees Jenkins	288	75
Louis Kelley	210	13
John D Kelley	746	72
Edward Kent	4	78
Edmund Kelley	249	21
Floyd Kitchin	25	31
William Leavitt	731	50
Adam G Lauer	184	00
Henry Lavoie	51	00
Irving Manzer	132	85
Frank McInnis	44	44
John McLaughlin	88	47
Daniel McGuire	937	83
Granville O McIntire	55	13

H W Norris	58 00
D S Perley	222 62
Wm L Phillips	97 50
Lyman Perley	72 00
Larry Peters	15 00
Michael Phalen	3 50
Clarence Pickard	9 56
Wm F Rutherford	1 50
H H Roper	7 80
Frank Scahill	834 01
Albert Sheppard	902 23
Edward Spiller	2 00
James Sheppard	7 20
Thomas Szack	606 61
Joseph Stinson	143 50
Charles T Strout	111 22
Louis Vashel	77 90
Harry Wilkinson	939 33
Brainard C Wallace	554 24
Adam Zeuch	4 00
	<hr/>
	\$12,950 40

GRAVEL, SAND, TARVIA, ETC.

Angie P Brown	\$615 40
E Newton Brown	3 00
Canney Lumber Co	4 86
Mrs William Goodhue	13 00
Adam G Lauer	50 50
D S Perley	24 30
Nicholas Pappayanopoulos	21 25
Michael Ryan	12 50
Lillian G Stanford	4 25

Estate Eugene Sullivan	5 60
The Barrett Co.	1,182 56
	———— \$ 1,937 22

EQUIPMENT AND REPAIRS

R L Purinton, supplies	\$ 4 00
N J Bolles, supplies	5 00
Arthur C Damon, supplies	18 40
John W Goodhue, supplies	168 68
Canney Lumber Co, lumber	28 70
Mayer & Porter, repairs and supplies	216 38
J J Merrill, supplies	4 80
George Hayes, repairs	9 14
W Castella Henderson, repairs	7 20
Joseph A King, repairs	144 77
Waldo Bros & Bond Co, supplies	18 84
A G Osborne, supplies	20 60
Ipswich Mills, supplies	1 00
Autocar Sales & Service Co, truck and supplies	3,348 01
E M Poole, supplies	6 50
Ernest E Currier, supplies	235 51
Boston & Maine R R, freight	12 91
Boston & Maine R R, repairs on bridge and lumber	720 13
Lathrop Bros, supplies	7 26
Traffic Sign & Signal Co, supplies	111 90
Good Roads Machinery Co, supplies	7 10
C F Chapman & Son, supplies	9 25
Wm A Spiller, repairs	22 50
R W Davis, supplies	22 46
Angus I Savory, supplies	58 42

Fred O Thompson, labor and supplies	15 00
Marcorelle Bros, supplies	49 39
Chas G Hull, painting	10 50
A J Brennan, repairs	9 67
A F Foote, Comm'r, inspection	5 00
W H Rand, repairs	6 64
Electric Light Dept, fuel	54 56
Dyar Supply Co, supplies	22 54
N E Road Machinery Co, supplies	23 00
Robert Spencer, supplies	4 00
A P Marcorelle, labor and supplies	74 68
Water Dept, water	40 00
Standard Oil Co of N Y, gas	332 87
Peter Haritos, supplies	3 35
N E Metal Culvert Co, supplies	39 60
Manzer & Damon, carpentry	41 86
Chas L Lovell, cement	5 25
Dept of Public Works, maintenance of	
Turnpike	1,100 00
Austin L Lord, masonry	19 41
American Railway Express Co, express	16 86
	———— \$ 7,083 64

BUOYS

Ernest O Peabody, labor	\$ 31 00
John A Brown, birches	11 25
	———— \$ 42 25

FLOATS

Justin E Hull, labor	\$ 26 50
Frank H Morgan, labor	24 00
Manzer & Damon, carpentry	61 91

Canney Lumber Co, lumber	141 73
	----- \$
	254 14

SNOW REMOVAL

LABOR AND TEAMS

John Amero	\$236 00
John Ames	9 00
Samuel W Atherley	38 00
Arthur Atkinson	45 50
W Malcolm Atkinson	33 75
Raymond Atkinson	2 80
Parker Atkinson	35 25
Wm Arsenault	10 50
Geo S Ball	21 00
Irving Brown	43 00
M Burke	8 00
J Burke	22 00
W Burke	21 00
Geo Benedix	12 00
Wm H Burnham	83 25
Wilfred Burns	9 75
Willis Brewster	7 50
Dennis Bryant	70 25
Robert Bruce	3 25
Chas Boucher	10 50
Gardner Brown	20 00
Jesse Brown	17 50
Samuel Bayley	97 75
Antony Burek	4 00
Arthur Brockelbank	9 00
Albert Bowen	11 00
A Story Brown	142 20

Grover Bayley	5 00
Adam Babola	24 25
Arthur Bailey	4 50
Leo Burns	10 00
James Burns	9 00
Edward Bodwell	71 50
Nelson Bourque	9 00
Alfred Bradstreet	4 20
Wm Bodwell	3 50
Chas G Brown	74 70
Geo Burbidge	75 50
Geo Brockelbank	28 50
Raymond Brockelbank	55 25
Ralph Brockelbank	8 00
Fred Bodwell	38 00
John A Brown	68 20
Chester Bowen	23 00
Harry Bowen	27 50
Tom Barker	28 50
Henry H Brown	78 00
John Blunda	84 00
Warren Brown	4 00
Henry Brown	11 50
Joseph Barnes	8 00
Walter Brown	16 00
Edw Bleauvelt	8 00
Wm Burridge	20 00
Chas Barton	10 00
Francis N Bourque	9 00
Ernest Carter	258 25
Pierre D'Entremont	7 00

Henry Churchill	133 00
Stephen Caswell	14 00
R Cole	6 30
A Cole	5 95
Chester Claxton	1 50
John Celletti	4 75
Carl A Caverly	96 65
Frank Campbell	30 50
John Cummings	9 00
Vincent Cunningham	7 00
Alfred Chapman	9 00
Eugene Chapman	3 00
Wm O Conant	93 40
Gardner Caverly	4 00
John Cronin	100 75
Fred G Cross	73 00
James Carter	12 50
Geo B Courtis	20 85
Chester Courtis	38 75
Castle Hill Farm	529 70
W K Chapman	25 95
Ralph Campbell	4 00
Chas Dolan	31 50
Wilfred Dunn	61 00
Patrick Donlon	44 00
Leo Duguay	9 50
Alfred Duguay	9 50
Fred Davison	5 50
Raymond Dodge	120 25
Leslie Davison	35 25

Albert Day	8 00
Joseph Dillon	2 00
Warren Day	17 50
Clifford Dodge	31 50
Fred Denningham	38 00
Archie Dort	14 00
Chas Denningham	9 50
Merrill Dukeshire	26 00
Joseph Day	1 50
Chas Dort	17 50
Alphonso Amario	18 00
Theo Dunham	1 50
Fred Darris	7 25
Edwin Damon	68 75
James Damon, Jr	16 00
George Day	28 00
Chas R Day	5 50
James A Day	28 00
Chas Earley	36 00
Carl Ellsworth	7 00
George Ewing	11 25
Philip Ewing	9 00
Gordon Ewing	5 00
Waldo Ellsworth	9 00
Frank Ellsworth	9 00
Walter Ellsworth	71 50
E K Ellsworth	16 50
Horace Ellsworth	7 00
Wm S Evans	256 50
Chas O Farnsworth	36 50
John Floyd	33 00

Paul Garrette	327 00
Samuel C Gordon	88 25
Bert Goodhue	13 50
Carl Gunstrom	12 00
Alfred Gallant	9 00
Louis Greenberg	9 00
J Frank Goodhue	72 50
Walter F Gould	35 50
Arthur Grant	9 00
Wm H Goditt	9 00
Wm E Garrette	31 75
Paul Goodhue	17 50
Hugh Gwinn	25 50
David Gannon	3 75
Ralph Gilmore	1 13
Samuel Goodhue	32 25
Arthur Gwinn	21 50
Nick Gwinn	3 50
Joseph Gaffney	16 75
Wm Goodhue	8 00
Geo Grivas	4 00
John Hovey	281 75
Chas L Henley	126 48
Joseph Hardy	8 00
R W Haskell	25 75
Gannett Houghton	12 50
Carl Hoyt	5 00
O M Hills	17 00
Elmer Hills	28 00
Harold Haskell	10 00
Horace Hebb	5 00

James Hurtle	16 00
Geo E Hayes	2 00
Geo E Hills	10 00
E Ralph Haskell	4 00
Frank E Howe	13 00
Geo E Hodgkins	7 50
Richard Hodgkins	9 50
Frank C Hull	9 50
Walter Hathaway	9 50
Raymond Hull	8 50
Wm Hudson	7 00
George Hills	79 00
James H Hull, Jr	1 50
Lincoln Howe	8 00
Fred Hudson	4 20
Fred Harris	11 00
John Harris	11 00
Thos Henley	11 20
Stanley B Hills	71 25
Roger A Heard	24 50
Roger Haskell	4 00
Wm Hayes	43 25
Harry Italien	18 25
Wilfred Italien	19 50
Rees Jenkins	51 80
Joseph Joshyle	8 00
Francis Jean	1 50
Chas Jewett	113 70
Leander Jewett	61 00
Grenville Jewett	3 75
Philip Jewett	1 00
Douglass Jewett	5 75

Ernest Jewett	24 50
A E Jewett	14 75
Geo Johnston	5 00
Louis Kelley	79 50
John D Kelley	165 65
Edward Kent	46 25
Tony Kerys	4 00
Raymond Klinger	10 50
Bachivtos Klos	20 25
Edmund Kelley	33 50
Floyd Kitchin	1 13
William Leavitt	301 50
Adam G Lauer	117 00
Arthur Leavitt	11 50
Frank Lemieux	1 50
Joseph H Leet	10 50
James A Lord	55 00
Lathrop Bros	106 13
Orrin Leno	9 00
Harry Leno	7 00
Chas R Lord	10 00
Lewis Lamerio	11 00
Farley C Lord	24 00
Alex LeClair	18 00
John Lind	8 00
Mike Loss	8 00
Elliot Lord	3 00
Russell Lathrop	6 30
Thos R Lord	57 50
Gordon Lord	31 50
Chas W Lathrop	9 00

David Low	56 75
Wm Maden	14 75
Frank Mallard	9 00
Turner Moulton	39 50
Joseph Morin	8 50
Ray Manthorn	9 00
Irving Manzer	101 30
J A Murray	8 00
E P Murray	10 50
Wm Mehaffey	59 42
Geo Mayes	10 00
Virgil Moore	8 00
Thos Manates	9 00
Joseph Martel	26 75
Napoleon Marcorelle	53 50
Omer Marcorelle	8 25
Fred Manthorn	9 00
Frank Manthorn	32 75
John R Morris	9 00
Fred Morris	44 75
Edward N Martel	11 50
Edward N Martel, Jr	5 50
A D Mallard	34 25
Peter Moustargis	5 75
Joseph Marcorelle	8 00
Edward J Marcorelle	7 00
Arthur P Marcorelle	9 00
Ernest Morgan	47 50
Daniel J Marlin	6 00
Gordon Morgan	4 20
Chas Miller	24 75

Wm Martel	6 50
Harry Manzer	2 50
Wilfred Martel	5 50
Augustus McInnis	150 25
Fred McGilvery	62 00
Daniel MacPhail	9 00
C E McGregor	12 00
C E McGregor, Jr	5 60
James McCormick	8 75
Arthur H McIntire	98 88
Alex McLeod	36 00
Frank McInnis	98 50
Daniel McGuire	62 50
H W Norris	72 00
Maurice Norman	35 00
Duncan Noble	16 00
Louis Ott	18 00
D S Perley	235 50
Dana Parsons	21 00
Ernest H Pickard	9 00
Nester Peterson	11 00
Percy Poor	4 90
Wm Phillips	89 00
Chas Poor	73 00
Harry Pitman	10 50
Chas Pickard	8 00
H C Poor	11 00
S Harold Perley	22 50
Lyman Perley	90 75
John Porter	137 75
O B Perley	5 75

Frank Perkins	11 00
Terrance Perkins	8 00
Star Princewood	37 50
Lawrence Peatfield	18 50
Michael Phalen	5 00
Bernard Phalen	3 50
Albert Poyner	6 00
Milton Patterson	4 00
Arthur Quill	8 00
V E Rust, Jr	35 50
Edw Robbins	28 00
John Reilly	35 25
John Reilly, Jr	18 00
Hugh Reilly	64 00
Arthur Reilly	2 50
Joseph Reilly	2 50
Edw Robicheau	8 00
Chas Ring	43 00
Wm Ready	24 75
Kenneth Ready	2 80
James Rogers	9 00
Michael Ryan	9 00
Thos R Roberts	7 00
Arnold Richards	10 50
Wm B Richards	16 00
Frank Seahill	326 38
Albert Sheppard	333 46
Edward Spiller	96 00
Chester Spencer	15 25
Peter Surrette	42 25
Horace Smith	23 00

Richard Smith	8 00
Albert Smith	8 00
Wm Stone, Jr	19 00
Silas Stone	79 50
Robert Smith	1 75
Geo Stanley	32 25
Frank Scaddo	6 50
James Sheppard	12 85
Walter Stone	33 25
Robert Spencer	72 00
B E Spencer	17 00
Arthur Spencer	16 50
Nicholas Soffron	6 00
Clarence Smith	16 00
Wm E Sturgis	56 25
Everett A Smith	10 00
J Somers	2 98
Wm Stone	96 25
Frank Stone	1 50
Thos Szack	145 88
Chas Snyder	7 00
J L Smith	15 00
Harding Smith	9 00
Lawrence Scotton	10 50
Grant Southwick	9 00
John Sheppard	2 80
Harvey Saunders	12 00
Joseph Salava	4 25
Roland Sheppard	8 00
Geo Soffron	2 80
Robert Stewart	9 00

Harold Scotton	10 50
Bernard Scotton	8 00
Thos Smith	42 75
Raymond Smith	5 60
George Smith	40 75
Herbert Stinson	38 00
Roy Saulter	30 00
Themo Soffron	3 85
Joseph Stinson	40 00
I R Thomas	78 90
Eugene Titcomb, Jr	9 00
Oliver Trudel	12 00
Harrison E Tenney	44 50
Albert H Tenney	6 00
Turner Hill Farm	83 90
Tilton Bros	7 00
John Trembley	8 00
Oscar Trudel	2 50
Harry Wilkinson	253 50
Edmund Wile	135 38
Thos Wilkinson	51 75
P Warren	5 00
Curt Wile	9 00
John Wilson	3 00
Joseph Wilson	1 25
G Loring Woodbury	88 50
Lester Wood	24 50
F E Wood	30 15
Leon Wood	12 25
Guy Wells	20 00
F J Ward	16 75

Albion Ward	6 50
Samuel Ward	19 00
Robert Wallace	38 50
James Wile	23 75
Truman Wile	4 50
J Fred Witham	4 00
Carl Woodbury	23 25
Geo Wheeler	33 75
	----- \$13,001 15

STABLE

Wm G Horton, grain	\$587 72
Geo B Brown, grain	165 83
Samuel C Gordon, hay	351 13
John A Brown, hay	132 74
D S Perley, hay	192 93
A Story Brown, hay	153 29
Rees Jenkins, hay	75 20
Ame & Co, feed	4 25
J S Nelson & Son, use of horse	38 00
Wm McCarthy & Co, shoeing	127 60
A P Littlefield, shoeing	46 35
C F Chapman & Son, supplies	60 07
Standard Oil Co of N Y, supplies	3 40
Water Dept, water	111 19
Bliss B Ward, repairs	18 45
H D Lambert, services	108 00
B J Conley, supplies	13 80
Canney Lumber Co, lumber	9 40
John W Goodhue, supplies	2 35
W A Snow Iron Works, supplies	108 00
	----- \$ 2,309 70

Total expenditures	\$40,696 44
Unexpended balance	79 17
<hr/>	
	\$40,775 61
Appropriation	\$36,250 00
Appropriation unpaid 1919 bills	25 61
Transfer from excess & deficiency acct	3,000 00
December appropriation	1,500 00
	\$40,775 61

From the above balance of \$79.17 the sum of \$68.84 has been transferred to the Essex Road account, leaving the net balance in the Highway Department \$10.33.

Receipts to the credit of this Department for the year have been as follows:

Sale of junk	\$ 9 05
Sale of horses	400 00
Sale of tarvia, etc.	56 67
Reimbursement from individuals	10 00
Public Works Dept., refund	18 00
Use of horses, Fire Dept.	175 00
Total credits	\$ 668 72

ESSEX ROAD
LABOR AND TEAMS

A Story Brown	\$231 44
Edward Bodwell	23 63
Fred Bodwell	2 81
A J Barton & Son	4 97
Cyrus Carver	314 00
Wm S Evans	265 63
John Gaska	114 48

John Halubowski	235 09
Rees Jenkins	188 13
Louis Kelley	31 01
John D Kelley	112 51
Edmund Kelley	134 13
Wm Mehaffey	24 19
John McLaughlin	221 54
Frank McInnis	109 41
Daniel McGuire	136 17
Edward Martel, Jr	5 06
G O McIntire	13 50
Chas T O'Connor, Jr	5 06
Clarence Pickard	81 57
Frank Scahill	231 14
Albert Sheppard	56 82
Thomas Szack	135 86
Charles Strout	75 38
Louis Vashel	52 82
Albert Wait	9 00
	----- \$ 2,815 35

OTHER EXPENSES

Angie P Brown, gravel	\$ 18 00
N J Bolles, supplies	1 10
Canney Lumber Co, lumber	60 75
Marcorelle Bros, supplies	2 20
John W Goodhue, pipe and supplies	77 40
	----- \$ 159 45
Total expenditures	\$ 2,974 80
Balance from 1919	\$593 10
Appropriation 1919 unpaid bills	1 10
Reimbursement from Comm'r of Mass.	1,155 88

Reimbursement from County of Essex	1,155 88
Transfer from Highway Dept.	68 84
	----- \$ 2,974 80

EAGLE HILL ROAD

LABOR AND TEAMS

Rees Jenkins	\$ 40 00
Granville O McIntire	13 50
Clarence Pickard	15 24
Floyd Kitchin	13 50
Total expenditures	----- \$ 82 24
Balance from 1919	82 24

BLAISDELL AVENUE

LABOR

Floyd Kitchin	\$ 4 50
Clarence Pickard	2 76
Granville O McIntire	4 50
Total expenditures	----- \$ 11 76
Unexpended balance	77 25

	\$ 89 01
Balance from 1919	89 01

TOPSFIELD ROAD

LABOR

Frank Campbell	\$ 16 88
Frank Seahill	24 19

Edmund Kelley	9 56
John D Kelley	2 25
Granville O McIntire	10 69
Robert Player	9 00
	————— \$ 72 57

OTHER EXPENSES

John W Goodhue, pipe	\$ 44 64
	————— \$ 44 64
Total expenditures	\$ 117 21
Unexpended balance	1,382 79
	—————
Appropriation	\$ 1,500 00
	1,500 00

CHARITIES

Out Poor Department

GENERAL ADMINISTRATION

Frank T Goodhue, salary	\$135 00
John G Sperling, salary	115 00
Chas G Hull, salary	100 00
F E Wood, use of team	12 00
New England T & T Co, telephone	34 96
Chas G Hull, car fares	7 80
Chas G Hull, printing	6 00
R W Davis, auto hire	5 00
George Tibbetts, team hire	2 00
Frank E Raymond, services	57 00
Chas G Hull, services as agent	300 00
Mass. Asso'n Relief Officers, dues	6 00
	----- \$ 780 76

CASH ALLOWANCES

Sundry persons, cash	\$2,817 50
	----- \$ 2,817 50

RENT

Ignac Samardkiewcz	\$ 12 00
Fred Duguay	10 00
	----- \$ 22 00

GROCERIES AND PROVISIONS

Tougas & Tougas	\$ 43 00
Wm P Reilly	65 04

M M Wiezbicki	120 15
Walter F Poole	253 10
L E Willcomb	12 00
Co-operative Grocery Stores Co.	20 11
John A Woleiko	24 46
John J Machaj	29 00
James H Christopher	24 12
	————— \$ 590 98

FUEL

Lathrop Bros	\$ 44 25
A H Peatfield	11 65
Chas L Lovell	80 30
	————— \$ 136 20

BOARD AND CARE

Mamie E Kneeland	\$ 80 80
Commonwealth of Massachusetts	52 57
Red Cross, Ipswich Branch	96 00
Henry Trudel	18 00
Wlisse Andreazzi	43 50
Vito Amario	23 00
Mrs C H Harrington	12 00
Lizzie M Dodge	12 00
Maude Jewett	36 00
	————— \$ 373 87

MEDICINE & MEDICAL ATTENDANCE

Geo E MacArthur, M D	115 50
J J Fitzgerald, M D	2 00
M C McGinley, M D	252 25
B B Mansfield, M D	25 50
M E Kneeland	7 51
B J Conley	18 49
	—————

INSTITUTIONS

Cable Hospital	\$178 65
Salem Hospital	159 25
Mass. General Hospital	46 90
Dept Public Welfare	164 00
	548 80

OTHER CITIES & TOWNS

City of Chicopee	\$65 76
City of Gloucester	62 00
City of Boston	170 50
	298 26

MOTHERS' AID

Sundry persons, local cases	\$799 00
Town of Danvers	228 01
Town of West Newbury	260 00
	1,287 01

OTHER EXPENSES

Louis H Bixby, clothing	\$6 00
Edward Leavitt, cash paid out	3 10
	9 10
Total expenditures	\$7,285 73
Unexpended balance	5 58
	\$7,291 31

Appropriation	\$6,000 00
Appropriation unpaid 1919 bills	112 66
December appropriation	1,000 00
Transfer from Cable Hospital a-c	178 65
	\$7,291 31

Receipts to the credit of this department for the year

have been as follows:

Comm. of Massachusetts,

Mother's Aid cases	\$70 00
Reimbursements from individuals	126 41
	—————
	\$196 41

Accounts due and unpaid:

Comm. of Mass., Mothers' Aid cases	\$232 00
	—————
	232 00

Total credits	\$428 41
Total expenditures	7,285 73
Net expense for 1920	6857 32

During the year the following old accounts have been paid:

Comm. of Mass., Mothers' Aid cases	\$364 00
	—————

TOWN FARM DEPARTMENT SALARIES AND WAGES

Edgar I Holland, Supt.	\$665 00
Margaret A Holland, Matron	300 00
Thomas Boylan, labor	90 00
Alice Boylan, labor	40 00
Chas L Henley, labor	236 75
Chas L Rust, labor	100 00
Lucy Knowles, labor	30 00
	—————
	\$1,461 75

GROCERIES AND PROVISIONS

Marcorelle Bros.	\$147 69
Co-operative Grocery Stores Co	665 76
W G Claxton	15 10
Harry Atkinson	3 23
J J Ciolek	90 86

Walter F Poole	46 69
E E Gray Co	96 56
W E Scott	86 25
W S Atkinson	2 50
Geo W Brown	15 25
Fred McGilvery	7 70
Miley Soap Co	45 50
James G Paganis	3 68
	1,226 77

DRY GOODS AND CLOTHING

Hiller & Co	\$41 48
Chas G Spiller	5 95
Newman's Dept Store	68 81
Christos Gianakas	8 15
The Ladies Specialty Store	26 25
Louis H Bixby	6 75
	157 39

FUEL AND LIGHT

Standard Oil Co of N Y	\$17 10
A H Peatfield	52 60
George Fall	29 60
Chas L Lovell	43 15
	142 45

EQUIPMENT AND REPAIRS

Racket Bargain Store, supplies	\$45 23
Angus I Savory, supplies	45 22
John W Goodhue, supplies	69 20
Arthur C Damon, supplies	55 31
Joseph A King, repairs	18 79
C F Chapman & Son, supplies	7 33
Nettie S Fewkes, spreader	75 00

Chas L Lovell, lime	4 50
Ipswich Mills, tank	50 00
W G Claxton, supplies	42 40
A J Brennan, plumbing	23 70
Elmer C. Smith, labor	16 00
Canney Lumber Co, lumber	11 50
R L Purinton, plumbing	27 68
Christos Gianakas, supplies	2 50
Standard Oil Co of N Y, supplies	10 00
	504 36

GRAIN

Wm G Horton	\$342 60
Geo B Brown	72 88
	415 48

Other Expenses

A P Littlefield, shoeing	\$55 75
H W Phillips, supplies	13 50
E F Brown & Co, medicine	12 61
E Warren Dodge, use auto	14 00
Samuel D Dodge, use auto	3 00
Angus I Savory, supplies	9 42
Damon & Damon, insurance	53 76
B J Conley, medicine	2 50
	164 54

Total expenditures	\$4,072 74
Unexpended balance	352 26

Balance from 1919	\$ 325 00
Appropriation	4,100 00
	4,425 00

Inventory Stock, Tools, Etc., at Town Farm.

	Jan. 1, 1921		Jan 1, 1920		Gain	Loss
	No.	Value	No.	Value		
Beef Cow			1	\$60.00		\$60.00
Cows	11	\$1200.00	9	\$1000.00	\$200.00	
Bull	1	75.00	1	75.00		
Heifers	10	400.00	9	350.00	50.00	
Horses	3	750.00	3	750.00		
Pigs and Shoats	3	45.00	5	80.00		35.00
Fowl	60	75.00	60	75.00		
Geese			2	8.00		8.00
Carts and Wagons	8	475.00	8	475.00		
Manure Spreader	1	75.00			75.00	
Mowing Machine	1	45.00	1	45.00		
Plows	2	25.00	2	25.00		
Cultivators	2	20.00	2	20.00		
Horse Hoe	1	5.00	1	5.00		
Horse Hay Fork	1	50.00	1	50.00		
Harrows	4	50.00	4	50.00		
Sleds	1	15.00	1	15.00		
Drags	1	6.00	1	6.00		
Wood, Cords	10	120.00	9	108.00	12.00	
Coal, Tons	1 $\frac{1}{4}$	20.00	3	36.75		16.75
Groceries and Provisions		100.00		160.00		60.00
Dairy Utensils		30.00		15.00	15.00	
Furniture and Bedding		500.00		500.00		
Range and Fixtures		110.00		110.00		
Stoves and Furnaces		2000.00		150.00	1850.00	
Tedder	1	15.00	1	15.00		
Tools		20.00		20.00		
Blocks and Ropes		5.00		5.00		
Ice Chest	1	36.00	1	36.00		
Harness and Blankets		100.00		100.00		
Potato Digger	1	1.00	1	1.00		
Wheelbarrows	2	10.00	2	10.00		
Lumber				5.00		5.00
Double Bob	1	20.00	1	20.00		
Seed Sowers	2	10.00	2	10.00		
Wood Saw	1	100.00	1	100.00		
Hogs	2	100.00	3	150.00		50.00
Hay Rake	1	21.00	1	21.00		
Pump Jack	1	14.00	1	14.00		
Oil Tanks	2	15.00	2	15.00		
Water Tank		50.00			50.00	
		\$6708.00		\$4690.75	\$2252.00	\$234.75

Inventory Produce, Etc., at Town Farm

	Jan. 1, 1921	Jan 1, 1920				
	No.	Value	No.	Value	Gain	Loss
Corn, bushels on cob	30	\$30.00	175	\$175.00		\$145.00
Onions, bushels	6	10.00	6	13.50		3.50
Beans, bushels	1½	12.00	4	32.00		20.00
Potatoes, bushels	25	40.00	30	50.00		10.00
Roots, bushels	220	165.00	200	150.00	15.00	
English Hay, tons	38	1140.00	45	1350.00		210.00
Salt Hay, tons	12	120.00	5	50.00	70.00	
Mulch, tons	10	50.00	10	50.00		
Squash				20.00		20.00
Vinegar		100.00		60.00	40.00	
Salt Pork		50.00		44.00	6.00	
Grain				9.00		9.00
Cabbage		7.50			7.50	
Soap Powder		35.00			35.00	
Disinfectant		5.00			5.00	
		\$1764.50		\$2003.50	\$ 178.50	\$417.50
		6708.00		4690.75	2252.00	234.75
		\$8472.50		\$6694.25	\$2430.50	\$652.25
		6694.25			652.25	
Net Gain		\$1778.25			\$1778.25	

Summary of Income and Expenditures at the Town Farm
for the Years 1916, 1917, 1918, 1919, 1920

	1916	1917	1918	1919	1920
Expended	\$3823.47	\$4203.68	\$3693.80	\$3991.54	\$4072.74
Income	872.05	1677.06	1520.11	1879.60	1791.10
Net Exp.	\$2951.42	\$2526.62	\$2173.69	\$2111.94	\$2281.64

Number of inmates at Farm Jan. 1, 1921	10
Average number of inmates at Farm during year 1920	9½
Total number registered in 1920	12
Average cost per week for each inmate	\$4.62
Amount of sales for 1920	\$1,791 10

ALMSHOUSE HEATING PLANT.

A J Brennan, a-c of contract	\$1,890 00
A J Brennan, labor and supplies	15 00
A J Brennan, transportation	45 00
F E Wood, trucking	25 00
Geo A Schofield & Son, adv.	4 75
Richard D Kimball Co, plans and spec.	75 00
Frank E Raymond, services	50 00
<hr/>	
Total expenditures	\$2,104 75
Transferred from Insurance a-c	2,104 75

SOLDIERS' BENEFITS

STATE AID

Sundry Persons, cash	\$1,512 00
<hr/>	
Total expenditures	\$1,512 00
Unexpended balance	488 00
<hr/>	
	\$2,000 00
Appropriation	2,000 00

SOLDIERS' RELIEF

Sundry Persons, cash	\$625 00
Tougas & Tougas, groceries	249 00

Geo G Bailey, M D, medical att.	21 00
Lathrop Bros, fuel	53 60
Wm O Conant, wood	22 00
Geo E Hills, wood	2 00
Tilton Bros, wood	10 00
John W Goodhue, supplies	24 50
Wm Burridge, carpentry	8 10
John A Brown, rent	84 00
<hr/>	
Total expenditures	\$1,099 20
Unexpended balance	400 80
<hr/>	
Appropriation	\$1,500 00
	\$1,500 00

PARKS.

Chas H Wells, labor	102 80
Frank T Goodhue, labor	87 23
James A Morey, labor	58 62
Fred Buzzell, labor	1 25
Frank McInnis, labor	22 81
Wm B Richards, labor	3 00
Wm P Reilly, supplies	2 55
Samuel C Gordon, plants	74 70
Joseph Breck & Sons, plants	53 40
Wm G Horton, seed	2 75
Water Dept, water	12 00
A I Savory, supplies	12 50

John W Goodhue, supplies	10 42
Total expenditures	\$444 03
Unexpended balance	97

Appropriation	\$445 00
	\$445 00

PLAYGROUNDS

Inez Boynton, instructor	\$210 00
Joseph Martel, labor and teaming	43 00
John E Greene, carpentry	35 36
Edmund Wile, trucking	20 75
F E Wood, trucking	6 00
Edwin H Rogers, plans	62 85
Canney Lumber Co, lumber	10 44
Wright & Ditson, supplies	53 38
John W Goodhue, supplies	2 10
C F Chapman & Son, supplies	2 20
Alexander Robertson, painting	5 00
Inez Boynton, supplies	7 66
Newman's Dept Store, supplies	2 25
Racket Bargain Store, supplies	5 88

Total expenditures	\$466 87
Unexpended balance	33 13

Appropriation	\$500 00
	\$500 00

CEMETERIES.

Chas Jewett, labor	\$92 25
Edward C Brooks, labor	149 00
Edward N Martel, labor	299 50
Howard Blake, labor	437 24
Howard J Blake, labor	166 30
Wm M Davey, labor	23 00
Chas E Kent, labor	18 00
Dalbert E Kent, labor	27 25
Wm F Rutherford, labor	32 75
James H Hull, Jr, labor	33 75
George Burbidge, labor	22 00
Maurice A Norman, labor	7 00
David A Low, labor	18 50
Edw N Martel, Jr, labor	20 00
L A Lord, labor	295 30
Wm B Richards, labor	28 00
Star Princewood, labor	10 18
Joseph P Martel, labor	20 00
Edw J Martel, labor	16 00
Orrie M Hills, labor	56 30
Philip E Clarke, labor	75 00
Water Dept., water	33 00
L A Lord, use of team	43 80
A J Barton & Son, setting stones	12 88

Samuel C Gordon, plants	89 40
L A Lord, loam	3 00
A I Savory, supplies	40 50
R W Davis, supplies	19 00
A J Brennan, plumbing	6 13
Philip E Clarke, cash paid out for canvas	83 54
John W Goodhue, supplies	12 46
Canney Lumber Co, lumber	1 60
<hr/>	
Total expenditures	\$2,192 63
Unexpended balance	7 37
<hr/>	
	\$2,200 00
Appropriation	\$2,000 00
Transfer from Reserve Fund	200 00
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	\$2,200 00

PERPETUAL CARE

Howard Blake, labor	\$158 00
L A Lord, labor	181 00
Edw Bodwell, labor	40 50
Orrie M Hills, labor	5 00
Carrie R Brown, flowers	3 00
<hr/>	
Total expenditures	\$387 50
Transfer from Cemetery Trust Funds	\$387 50

UNCLASSIFIED.

MEMORIAL DAY

Gen James Appleton Post 128, G A R	\$250 00
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Total expenditures	\$250 00
Appropriation	\$250 00

SHELL FISH

Henry A Churchill, salary	\$73 34
Farley C Lord, salary	73 32
Geo W Brown, salary	66 67
E Warren Dodge, salary	6 67

Total expenditures	\$220 00
Appropriation	\$200 00
Balance from 1919	20 00

WELCOME HOME CELEBRATION	
Ipswich Chronicle, printing	\$ 2 40
C H Buck & Co, painting	12 34

Total expenditures	\$14 74
Unexpended balance	173 30

Balance from 1919	\$188 04
	\$188 04

TOWN HALL REPAIRS

Manzer & Damon, carpentry	\$1,401 00
Geo W Hills, painting	153 70
Canney Lumber Co, lumber	1,020 00
John W Goodhue, upson board & supplies	317 81
<hr/>	<hr/>
Total expenditures	\$2,892 51
Unexpended balance	22 28
<hr/>	<hr/>
Received from insurance	\$2,914 79
	\$2,914 79

BAND CONCERTS

Ipswich Mills Concert Band	\$100 00
King Arthur Commandery Band	100 00
<hr/>	<hr/>
Total expenditures	\$200 00
Appropriation	\$200 00

RESERVE FUND.

Transferred to	
Law Department	\$300 00
Town Hall Department	600 00
Police Department	1,700 00
Cemetery Department	200 00
Education Department	200 00
 Total amount transferred	\$3,000 00
Appropriation	\$3,000 00

Appropriations and Payments of Departments for the Municipal Year 1920. 70

Department	Appro.	Refunds and Transfers.	Total	Expended	Balance
Selectmen	\$ 2355 00	\$ 84 99	\$ 2439 99	\$ 2439 93	\$ 06
Auditing & Accounting	1850 00		1850 00	1839 03	10 97
Treasurer & Collector	4002 54	32 00	4034 54	4033 29	1 25
Assessors	1121 00	47 52	1168 52	1114 32	54 20
Law	300 00	300 00	600 00	592 50	7 50
Town Clerk	1393 00		1393 00	1392 43	57
Election & Registration	600 00		600 00	596 05	3 95
Town Hall	2315 00	745 24	3060 24	3059 64	60
Police	6500 00	1881 75	8381 75	8381 68	07
Fire	7500 00	1233 34	8733 34	8563 56	169 78
Forest Warden	100 00		100 00	56 25	43 75
Weights & Measures	350 00	28 44	378 44	323 60	54 84
Moth	2287 24	2652 79	4940 03	4939 99	04
Trees	475 00	8 75	483 75	483 14	61
Health	3800 00	2877 03	6677 03	6676 07	96
Highways	36250 00	4525 61	40775 61	40765 28	10 33
Essex Road	593 10	2381 70	2974 80	2974 80	
Eagle Hill Road	82 24		82 24	82 24	
Blaisdell Ave.	89 01		89 01	11 76	77 25

Appropriations and Payments—Continued.

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<u>Department</u>	Appro.	Refunds and Transfers.	Total	Expended	Balance
Topsfield Road	1500 00		1500 00	117 21	1382 79
Town Farm	4100 00		4100 00	4072 74	27 26
Out Poor	6000 00	1291 31	7291 31	7285 73	5 58
Cable Memorial Hospital	1500 00		1500 00	1500 00	
State Aid	2000 00		2000 00	1512 00	488 00
Soldiers' Relief	1500 00		1500 00	1099 20	400 80
Education	62000 00	1104 97	63104 97	63103 46	1 51
Almshouse Heating Plant	2104 75		2104 75	2104 75	
Parks	445 00		445 00	444 03	97
Playgrounds	500 00		500 00	466 87	33 13
Memorial Day	250 00		250 00	250 00	
Town Hall Repairs	2914 79		2914 79	2892 51	22 28
Shell Fish	200 00	20 00	220 00	220 00	
Band Concerts	200 00		200 00	200 00	
Welcome Home Celebration	188 04		188 04	14 74	173 30
Cemeteries	2000 00	200 00	2200 00	2192 63	7 37
Interest	4790 00	978 09	5768 09	5768 09	
Maturing Debt	10150 00		10150 00	10150 00	
Reserve Fund	3000 00		3000 00	3000 00	

Perpetual Care---Cemetery Funds .

Name of Fund	Amount			Balance Jan. 1921
	Jan. 1920	Income	Expense	
Cogswell	\$431 35	\$21 56	\$ 3 00	\$449 91
Andrews	286 25	14 31	5 00	295 56
Giddings	163 93	8 20	3 00	169 13
Potter	129 50	6 47	3 00	132 97
Kinsman	75 40	3 77	1 50	77 67
Samuel Blood	64 74	3 24	2 00	65 98
Staniford	128 73	6 43	1 50	133 66
Trow	446 37	22 31	5 00	463 68
Dawson	159 79	7 98	4 00	163 77
Birch	53 91	2 70	....	56 61
Aaron Kinsman	57 84	2 89	2 00	58 73
Varrell	394 86	19 74	2 00	412 60
Eben Kimball	195 60	9 77	4 00	201 37
Willcomb	80 66	4 02	2 00	82 68
Daniel Clarke	142 19	7 11	4 00	145 30
Rogers & Johnson	109 34	5 46	4 00	110 80
Harriet L Kimball	151 08	7 55	3 00	155 63
George Kinsman	152 08	7 60	4 00	155 68
Martha Lakeman	73 23	3 66	1 50	75 39
Caldwell	128 56	6 42	2 00	132 98
Pingree	106 32	5 31	2 00	109 63
Young	25 50	1 27	1 00	25 77

Name of Fund	Amount			Balance Jan. 1921
	Jan. 1920	Income	Expense	
Coburn	336 33	16 81	5 00	348 14
Mary Haskell	56 86	2 84	2 00	57 70
Hovey	135 60	6 77	3 00	139 37
Plouff	59 17	2 96	2 00	60 13
Farley	154 71	7 74	2 00	160 45
John B Lamson	73 34	3 66	1 50	75 50
Joseph Spiller	58 59	2 92	2 00	59 51
Locust Grove	42 55	2 12	....	44 67
Mary E Peatfield	121 74	6 09	4 00	123 83
Lucy F Spiller	63 96	3 20	2 00	65 16
Josiah & L H Lord	159 93	8 00	3 00	164 93
Eben Caldwell	121 55	6 07	3 00	124 62
M E Barber	64 02	3 20	....	67 22
Sarah E Durgin	108 73	5 44	2 00	112 17
Joanna Kinsman	129 59	6 47	3 00	133 06
Charles W Giddings	128 21	6 41	....	134 62
John Allen Brown	130 77	6 54	3 00	134 31
Millett & Kimball	227 94	11 40	7 00	232 34
Samuel Blake	137 62	6 87	2 00	142 49
William G Brown	149 25	7 46	6 00	150 71
Catherine Clarke	145 14	7 26	5 00	147 40
Charles Palmer	116 46	6 32	3 00	119 78
Sally Roberts	154 26	7 71	2 00	159 97
Eugene Spinney	143 39	7 17	4 00	146 56
Mary M Fields	70 10	3 50	1 00	72 60
Luther Lord	132 29	6 62	2 00	136 91
Ezra Lord	142 58	7 12	8 00	141 70
Lucy H Brown	141 55	7 07	2 00	146 62
Patience H Bray	121 89	6 10	3 00	124 99

Name of Fund	Amount			Balance Jan. 1921
	Jan. 1920	Income	Expense	
Richard T Dodge	140 13	7 00	2 00	145 13
Henry F Russell	111 23	5 56	2 50	114 29
George Haskell	344 92	17 25	....	362 17
Theodore C Howe	138 48	6 92	2 00	143 40
Nathaniel Shatswell	133 74	6 69	3 00	137 43
George H Gilmore	69 72	3 48	2 00	71 20
W A & I M Stackpole	169 54	8 47	4 00	174 01
Hannah H Pearson	63 52	3 17	1 50	65 19
Harry K Dodge	136 15	6 81	2 00	140 96
Henry S Holmes	113 21	5 66	3 00	115 87
Caroline E Hodgkins	56 85	2 83	2 00	57 68
Aaron F Brown	74 22	3 71	....	77 93
J Farley Kinsman	126 84	6 33	2 00	131 17
Thomas Brown	117 30	5 86	3 00	120 16
W P & A W Gould	134 80	6 73	2 00	139 53
Lucy C Coburn	283 49	14 17	....	297 66
William H Kinsman	121 90	6 10	3 00	125 00
Caroline E Bomer	116 25	5 81	3 00	119 06
Elizabeth A Bailey	61 11	3 05	1 50	62 66
John Lane	54 26	2 71	2 00	54 97
Hannah Parsons	65 22	3 26	1 50	66 98
E & T F Cogswell	101 25	5 06	3 00	103 31
Moses & E Peabody	114 71	5 74	2 00	118 45
Charles H Cutler	130 97	6 55	4 00	133 52
W & Abigail Haskell	55 09	2 75	2 00	55 84
Willis & Stacey	127 05	6 35	2 00	131 40
George E Lord	126 72	6 34	2 00	131 06
Nora Fraser	56 76	2 84	1 50	58 10
Franklin G Morris	129 66	6 49	2 00	134 15

Name of Fund	Amount			Balance Jan. 1921
	Jan. 1920	Income	Expense	
Robert Stone	52 63	2 63	2 00	53 26
Emerson Howe	118 73	5 94	5 00	119 67
Caroline E Lord	100 00	5 00	3 00	102 00
Robert Gilmore	258 06	12 90	2 00	268 96
John D Cilley	128 15	6 41	2 00	132 56
James Griffin	125 26	6 26	3 00	128 52
Eunice C Cowles	135 56	6 78	....	142 34
Ward F Kenney	57 92	2 90	1 50	59 32
Josiah Dudley	110 69	5 54	4 00	112 23
John C Kimball	380 39	19 01	6 00	393 40
Jennet F Caldwell	208 84	10 44	....	219 28
Rebecca G Hayes	54 03	2 70	1 50	55 23
John Galbraith	104 84	5 24	3 50	106 58
Thomas Holland	122 36	6 11	3 00	125 47
John Choate	78 97	3 95	3 00	79 92
Lucy Slade Lord	135 22	6 76	....	141 98
Walter E Lord	116 77	5 84	2 00	120 61
Lemuel Smith	53 04	2 65	1 50	54 19
Samuel J Goodhue	57 08	2 85	1 50	58 43
John A Johnson	119 94	6 00	2 00	123 94
Charles H Noyes	56 50	2 83	1 50	57 83
Edwin H Damon	56 60	2 83	1 50	57 93
Benjamin Newman	119 79	5 99	3 00	122 78
Nathaniel Archer	114 46	5 72	3 50	116 68
Abby J Purington	119 20	5 96	2 00	123 16
Sarah A Seward	117 73	5 89	2 00	121 62
Frances P Weeks	56 98	2 85	1 50	58 33
George A Lord	56 06	2 80	3 00	55 86
William Heard	111 21	5 56	3 00	113 77

Name of Fund	Jan. 1920	Amount		Expense	Balance Jan. 1921
		Income			
Martha E Hanson	235 79	11 79		3 00	244 58
Charlotte M Kimball	120 86	6 04		....	126 90
Mary J Patterson	111 13	5 56		2 00	114 69
William L Rust	52 20	2 61		1 50	53 31
E Maria Stone	82 32	4 11		2 00	84 43
L S & E B Jewett	273 46	13 67		6 00	281 13
John Cook	53 26	2 66		1 50	54 42
Johnathan L Choate	166 22	8 31		3 00	171 53
Sarah E Twombley	106 58	5 32		3 00	108 90
N S & Eben Kimball	104 58	5 22		4 00	105 80
Gen. James Appleton	264 32	13 21		5 00	272 53
Etta L Wentworth	51 70	2 59		2 00	52 29
Baker & Dixon	94 66	4 74		50	98 90
Chas H Baker	79 80	3 99		2 00	81 79
Jeremiah Brockelbank	51 56	2 57		2 50	51 63
William H Russell	51 56	2 57		1 50	52 63
Winthrop Low	51 56	2 57		1 50	52 63
Edward Morrill	51 56	2 57		1 50	52 63
Jerry Spiller	103 12	5 15		4 00	104 27
Abbie M Fellows	52 10	2 60		1 50	53 20
Nathaniel R Farley	106 24	5 31		3 00	108 55
E & E Farley	52 08	2 60		1 00	53 68
Mrs Chas S Willcomb	106 24	5 31		2 00	109 55
Perkins & Chapman	158 12	7 90		....	166 02
Clara B Dobson	51 56	2 57		1 50	52 63
Mrs Chas D Weeks	109 86	5 49		2 00	113 35
Mary E Roberts	104 99	5 25		2 00	108 24
Everard H Martin	102 56	5 13		4 00	103 69
John B Brown	109 40	5 47		2 00	112 87

Name of Fund	Amount			Balance Jan. 1921
	Jan. 1920	Income	Expense	
Harriet A Lamson	51 56	2 57	1 50	52 63
William Kimball	77 24	3 86	3 00	78 10
Olive P Smith	103 08	5 15	2 00	106 23
David F Dow	50 00	2 50	2 00	50 50
Eliza A Foss	53 56	2 67	2 00	54 23
Sylvanus Caldwell	103 12	5 15	....	108 27
Mary J Staniford	105 64	5 28	3 00	107 92
Frank H Lord	100 08	5 00	3 00	102 08
Mary E Bowen	51 04	2 55	2 00	51 59
Hannah M Peatfield	103 04	5 15	2 00	106 19
H B Brown	77 28	3 86	2 00	79 14
George A Mann	103 04	5 15	2 00	106 19
Alice H Bone	51 02	2 55	1 50	52 07
E K & M Brown	102 00	5 10	2 00	105 10
Pauline T Farley	103 66	5 18	....	108 84
William Duckworth	152 00	7 60	2 00	157 60
George Spiller	308 00	15 40	3 00	320 40
Foster Russell	102 33	5 11	3 00	104 44
Emma W Tyler	102 00	5 10	2 00	105 10
Emma Baxter	51 00	2 55	1 50	52 05
Wm A Spiller	51 00	2 55	2 00	51 55
Seth Senior	50 83	2 54	1 50	51 87
E M Carpenter	50 50	2 52	1 50	51 52
John C Foss	50 33	2 51	2 00	50 84
Joseph Johnson	50 00	2 50	1 50	51 00
Dexter McIntire	50 00	2 50	2 00	50 50
Mary A Foster	50 00	2 50	2 00	50 50
Maria Mann	75 00	2 58	....	77 58
Warren Boynton	50 00	1 87	....	51 87

John A Burnham	75 00	2 81	...	77 81
James A Gallagher	100 00	3 75	...	103 75
Arthur Buckley	50 00	1 68	...	51 68
Samuel H Baker	50 00	1 25	...	51 25
Joseph F Wood	100 00	2 50	...	102 50
George Brown	50 00	84	...	50 84
Elizabeth L Smith	100 00	1 25	...	101 25
Mrs John J Sullivan	100 00	1 25	...	101 25
Richard R Foster	100 00	1 05	...	101 05
Hannah S Bond	75 00	81	...	75 81
Mrs E H Welch	100 00	50	...	100 50
Wm H Woodworth	100 00	...	...	100 00
	\$20475 19	\$989 76	\$387 50	\$21077 45
Income undivided				105 88
				\$21183 33

RECEIPTS

Amount of Fund, January 1920	\$19350 85
New Funds during year	\$1125 00
Income from Investments	\$834 70
Discount on purchase	
of Liberty Bonds	260 28
	1094 98
	2219 98
	\$21570 83

EXPENDITURES

Paid for care of lots	\$387 50
	—————
	387 50

	\$21183 33
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INVESTMENT ACCOUNT

Town of Ipswich, Electric Light 4s	\$2000 00
Town of Ipswich, Water	7500 00
City of Fitchburg, School 4s	3000 00
Water Front Improvement Loan 4s	1800 00
Liberty Bonds	5650 00
Ipswich Savings Bank	1233 33
	—————
	\$21183 33

INCOME ACCOUNT

Balance undivided January, 1920	\$ 66
Town of Ipswich, Electric Light Loan	\$80 00
Town of Ipswich, Water	300 00
City of Fitchburg, School Loan	120 00
Water Front Improvement	84 00
Liberty Bonds	202 50
Liberty Bonds—Disc't on new Purchase	260 28
Ipswich Savings Bank	48 20
	—————
	1094 98
	—————
	\$1095 64

CREDIT

Cemetery Funds	\$989 76
Income undivided	105 88
	—————
	\$1095 64

Other Trust Funds.

ELIZABETH M BROWN FUND

Town of Ipswich, in trust, the income to be used under the direction of the Selectmen, by the Agent of the Society for the Prevention of Cruelty to Animals.

Balance, January, 1920	\$896 48
Income	36 20

Deposited in Ipswich Savings Bank, Jan. 1921	\$932 68
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JOHN C KIMBALL FUND

Town of Ipswich, Trustee, under the will of John C Kimball, income to be used for the purchase of books for the Ipswich Public Library

Balance, January, 1920	\$510 00
Income	20 20
	\$530 20
January 31, 1920, paid to F A Kimball, Treas.	20 20
	\$510 00

Treasurer's Department.

Receipts and Expenditures

RECEIPTS

Balance December 31, 1919	\$14276 05
Taxes 1915	\$ 16 64
Taxes 1916	29 05
Taxes 1917	415 11
Taxes 1918	4503 78
Taxes 1919	15040 87
Taxes 1920	150711 07
Moth 1917	2 55
Moth 1918	14 58
Moth 1919	241 19
Moth 1920	1425 34
	————— 172400 18

Department Bills:

Comm. of Mass., Mothers' Aid reimbursement	\$364 00
F L Burke & Son, board of horses	54 34
Telephone reimbursement	5 07
	—————
	423 41

Estimated Revenue Receipts:

Commonwealth of Mass., Income Tax, 1917	\$146 25
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Income Tax, 1918	175 50
Income Tax, 1919	3930 00
Income Tax, 1920	14475 41
Income Tax, 1920, School Fund	6425 00
Corporation Tax, Public Service, 1919	38 82
Corporation Tax, Public Service, '20	2087 59
Corporation Tax, Foreign	26 83
Corporation Tax, Domestic	131 75
National Bank Tax	10782 94
Soldiers' Exemption	176 53
Licenses:	
Liquor	\$ 31 00
Junk	140 00
Amusement	146 00
All other	235 00
	552 00
Third District Court, Criminal Fines	1267 98
County of Essex, Dog Licenses	345 19
Collector's Dept., Costs, etc.	113 50
Other General Government receipts	105 52
Town Hall Receipts:	
County of Essex, rent of Court	
Rooms, 2 years	\$650 00
Rent of Town Hall	156 50
	806 50
Police Dept. Receipts:	
Ipswich Mills, services	\$1080 00
Private parties, services	6 00
Telephone reimbursement	13 93
	1099 93
Fire Dept. receipts	120 88

Weights & Measures receipts, 1919	89 94
Health Dept. receipts:	
Comm. of Mass., Tuberculosis	
subsidy	\$42 14
Telephone reimbursement	1 00
Sale of hospital supplies	776 70
	—————
	819 84
Highway Dept. receipts:	
Sale of horses	\$400 00
Sale of junk	9 05
Sale of tarvia, etc.	56 67
Use of horses, Fire Dept.	175 00
Public Works Dept., refund	18 00
Reimbursem't from individuals	10 00
	—————
	668 72
Town Farm receipts:	
Sale of milk and produce	1791 10
Poor Dept. receipts:	
Comm. of Mass., Mothers'	
Aid reimbursement	\$ 70 00
Reimbursement from individuals	126 41
	—————
	196 41
School Dept. receipts:	
Town of Rowley,	
Tuition, 1919	\$1300 00
Tuition, 1920	2230 00
Comm. of Mass., tuition	51 50
Comm. of Mass., Educational Trust Fund	20 25
Telephone reimbursements	30 38
	—————
	3632 13

Sale of State Guard Equipment	280 75
Fees from Town Scales	33 65
Sale of cemetery lots and graves	1044 00
Interest on taxes	1206 00
Interest on deposits	910 73
All other revenue receipts	371 40
	53852 79
Comm. of Mass., State Aid	1882 67
County of Essex, Essex Road reimbursement	1155 88
Comm. of Mass., Essex Road reimbursement	1155 88
Electric Light Dept., light, power, etc.	35143 62
Water Dept., water rates and supplies	19975 20
Temporary Loans	120000 00
Motor Pump Engine Loan	9500 00
Perpetual Care, New Funds	1125 00
Trust Fund Income	1191 10
Cemetery Trust Funds, for care of lots	387 50
Insurance from Town Hall fire	2914 79
Moth Dept. reimbursement	1042 47
Kimball Fund	20 20
	\$436446 74

EXPENDITURES

Accountant's Warrants:

Department Orders	\$185498 60
Electric Light Dept. payments	42693 91
Electric Light Dept. notes	4050 00
Electric Light Dept. interest	2442 00
Water Dept. payments	13835 59
Water Dept. notes	2150 00
Water Dept. interest	7831 00
Temporary Loans	115000 00
Interest on Temporary Loans	3989 84
General Loans	8000 00
Interest on General Loans	1778 25
County Tax	10828 36
State Tax	18340 00
Special State Tax	864 60
State Highway Tax	3159 49
National Bank Tax	712 49
Eastern Mass Railway Tax	97 40
Municipal Lighting Plant Tax	22 29
Civilian War Poll Tax	4608 00
Wm J Riley, Treasurer Trust Funds	1125 00
Trust Fund Income	1191 10
Comm. of Mass., Liquor license fees	7 50
Tax Refunds	13 74
	\$428239 16
Balance, December 31, 1920,	8207 58
	\$436446 74

BALANCE SHEET.

	DR.
Cash on hand, December 31, 1920	\$8207 58
Wm J Riley, Collector Tax 1917	\$310 39
" 1918	660 38
" 1919	2434 94
" 1920	22010 53
Moth 1915	21 85
" 1916	127 47
" 1917	47 69
" 1918	48 03
" 1919	17 43
" 1920	184 98
Electric Light	4676 37
Water	4539 90
Dept. Bills	863 44
Commonwealth of Massachusetts	1506 00
Overlay, 1914	708 76
Overlay, 1918	20 51
Electric Light Dept.	1952 16
Water Dept.	112 10
	\$40242 93
Sinking Fund, Ipswich Water Dept.	\$132762 40
Net Bonded Debt	163287 60
	\$296050 00
Trust Funds	\$22626 01
	\$367126 52

BALANCE SHEET.

CR.

Overlay, 1915	\$ 16 64
Overlay, 1917	171 23
Overlay, 1919	1697 50
Overlay, 1920	1991 20
Insurance, Fire Loss	05
Temporary Loans	30000 00
Electric Light Revenue	4676 37
Water Revenue	4539 90
Blaisdell Avenue	77 25
Topsfield Road	1382 79
Town Farm	325 00
Education	1 51
Payne School Repairs	1000 00
Cogswell School Repairs	1000 00
Town Hall Repairs	22 28
Welcome Home Celebration	173 30
Soldiers' Memorial Committee	1000 00
	————— \$48075 02
Refunding Loan	\$4900 00
Central Fire Station Loan	7000 00
Electric Light Loan	55900 00
Water Loan	193750 00
Winthrop School Loan	15000 00
Heating Plant Loan	5500 00
Water Front Improvement Loan	1800 00
State Guard Equipment Loan	2700 00
Motor Pump Engine Loan	9500 00
	————— \$296050 00

Cemetery Trust Funds	\$21183 33
Kimball Library Fund	510 00
Brown Animal Fund	932 68
	————— \$ 22626 01
Excess and Deficiency	\$ 375 49
	—————
	\$367126 52

AUDITOR'S STATEMENT

I hereby certify that I have examined the accounts of the Treasurer and find them correct and the balance in the hands of the Treasurer to agree with the report submitted. I have approved vouchers for all bills paid and find them to agree with the Treasurer's warrants.

FREDERICK S. WITHAM, Auditor.

NOTES MATURING 1921

Central Fire Station Loan	\$1000 00
Refunding Loan	700 00
Winthrop School Loan	1000 00
Heating Plant Loan	500 00
Water Front Improvement Loan	300 00
State Guard Equipment Loan	900 00
Motor Pump Engine Loan	2000 00
Electric Light Loan	4050 00
Water Loan	2150 00
	—————
	\$12600 00

INTEREST ON DEBT 1921

Central Fire Station Loan	\$305 00
Refunding Loan	196 00
Winthrop School Loan	600 00
Heating Plant Loan	220 00
Water Front Improvement Loan	72 00
State Guard Equipment Loan	112 50
Motor Pump Engine Loan	475 00
Electric Light Loan	2275 00
Water Loan	7745 00
Temporary Loans (estimated)	4000 00

	\$16000 50

TAX COLLECTOR'S REPORT

Year	Uncollected	Collected	Uncollected	
	Dec. 31, 1919	1920	Abated	Dec. 31, '20
1913	\$ 97 33	.....	\$ 97 33	.....
1914	863 36	.....	863 36	.....
1915	16 64	\$ 16 64	.....	.....
1916	29 05	29 05	.....	.....
1917	836 34	415 11	110 84	\$ 310 39
1918	5587 21	4503 78	423 05	660 38
1919	17676 37	15040 87	200 56	2434 94
*1920	173806 58	150711 07	1084 98	22010 53
	-----	-----	-----	-----
		\$170716 52	\$2780 12	\$25416 24

*Amount committed.

Amount of uncollected taxes, Dec. 31, 1919, \$25106 30

BONDED DEBT.

Name of Loan	Amount	Payable
Central Fire Station	\$ 7000 00	Serially 1921-1927
Refunding	4900 00	" 1921-1927
Winthrop School	15000 00	" 1921-1935
Heating Plant	5500 00	" 1921-1931
Water Front Improvement	1800 00	" 1921-1926
State Guard Equipment	2700 00	" 1921-1923
Motor Pump Engine	9500 00	" 1921-1925
Electric Light	55900 00	" 1921-1938
Water Notes	33750 00	" 1921-1936
Water Bonds	130000 00	1924
Water Bonds	30000 00	1927
<hr/>		
Total Bonded Debt	\$296050 00	
Sink'g Fund, Water Dept.	132762 40	
<hr/>		
Net Bonded Debt	\$163287 60	

TEMPORARY LOANS

F S Moseley & Co	\$15000 00	April 8, 1921
F S Moseley & Co	15000 00	June 8, 1921

LIST OF UNPAID 1920 BILLS

SELECTMEN

John F Wippich, care of town clock	\$26 00
Geo A Schofield & Son, adv	4 00
H C Poor, killing dogs	2 00
Eben B Moulton, perambulating town lines	20 00
John A Brown, perambulating town lines	20 00
Eben B Moulton, use of auto	5 00
John A Brown, use of auto	5 00
Geo A Schofield, secretary, Finance Committee, 1919-1920	100 00
	—————
	\$182 00

LAW DEPARTMENT

Frank E Raymond, services	\$14 00
Horace I Bartlet, services	208 43
	—————
	222 43

TOWN CLERK

John G Corcoran, M D, birth returns	\$2 00
Grace G Bamford, services	10 00
	—————
	12 00

ELECTION AND REGISTRATION

Chas W Bamford, 1920 salary	\$75 00
Lyman H Daniels, balance 1920 salary	37 50
Chas H Glasier, balance 1920 salary	25 00
Geo A Schofield & Son, prntg voting lists	104 00
Manzer & Damon, new voting booths	63 89
Edward E Wells, meals	10 00
	—————
	315 39

TOWN HALL

Damon & Damon, insurance	\$15 60
G A Barker, insurance	30 48
R R Glasier, laundry	80
Ipswich Gaslight Co, gas	18 34
A I Savory, supplies	9 60
George Hayes, plumbing	22 83
Geo B Robbins Co, disinfectant	8 75
Elec Light Dept, light	70 85
John A Brown, wood	21 00
J J Merrill, supplies	4 45
F E Wood, trucking	9 00
A H Peatfield, fuel	170 00
	381 70

POLICE

Edward Leavitt, balance salary	\$35 00
V H Grant, balance salary	35 00
C C Boylan, balance salary	70 00
John W Goodhue, supplies	3 32
E E Currier, supplies	2 05
D A Grady, auto hire	5 00
Samuel D Dodge, auto hire	4 50
C F Chapman & Son, supplies	60
Jacob Smith, car fare and expense	5 86
	161 33

HEALTH

Geo W Smith, balance salary	\$27 08
Aaron Lord, balance salary	100 00
	127 08

HIGHWAYS

Eastman & Bradford, survey	\$50 00
Standard Oil Co of N Y, gas	70 34
Wm G Horton, grain	28 63
John W Goodhue, supplies	1 63
	150 60

POOR DEPT.

Lathrop Bros, fuel	\$18 35
Chas L Lovell, fuel	62 15
Chester A Bolles, rent	7 00
John A Woleiko, groceries	10 03
Geo E MacArthur, M D, med att	50 00
Dept. Public Welfare, board and care	\$52 57
Edward F Brown & Co, supplies	65 25
	265 35

SOLDIERS' RELIEF

Tilton Bros, wood	\$10 00
Geo G Bailey, M D, services	88 00
	98 00

EDUCATION

D A Grady, transportation	\$193 50
County of Essex, support of truants	9 71
L E Knott Co. supplies	2 85
A I Savory, supplies	2 13
F E Wood, trucking & freight	2 20
G A Barker, insurance	335 00
N J Bolles, supplies	3 44
Damon & Damon, insurance	30 82

Peoples Ex, Inc, express	63
John W Goodhue, supplies	1 85
Geo A Schofield & Son, adv	1 75
John F Wippich, clock repairs	2 50
R L Purinton, plumbing	1 83
City of Beverly, School Dept, tuition	\$12 80
Ipswich Gas Light Co, gas	41 53
William H Rand, repairs	283 17
Estate Wm A Mitchell, cleaning vaults	45 00
Mrs William H Rand, rent of land	25 00
	995 71
<hr/> Total unpaid bills	<hr/> \$2,911 59

LIST OF TOWN PROPERTY

School Houses	\$120000 00
Public Buildings	40000 00
Public Grounds	10000 00
Town Farm	30000 00
Cemeteries	5000 00
Heard Wharf	100 00
Averoff Wharf	3250 00
Turkey Shore Pasture	1000 00
Woodland, Linebrook	200 00
Woodland, Common Fields	75 04
Thatch Bank, Great Flats	
Thatch Bank, Third Creek	
Two Gravel Pits, Washington Street	1500 00
Fire Apparatus	21500 00
Highway Department	8883 00

In addition to the property enumerated above, there is the shore, beach and other property given to the Town by the Commoners, value of which is not estimated. The valuation of Water Works and Electric Lighting Plant will be found in the Water and Light Report.

ASSESSORS' REPORT

APPROPRIATIONS

Selectmen	\$2355 00
Auditing and Accounting	1850 00
Treasurer and Collector	3650 00
Assessors	1121 00
Law Department	300 00
Town Clerk	1393 00
Town Hall	2315 00
Election and Registration	600 00
State Aid	2000 00
Soldiers' Relief	1500 00
Police	6500 00
Fire	7500 00
Forest Warden	100 00
Tree Warden	475 00
Parks	445 00
Weights and Measures	350 00
Health Department	3800 00
Highways and Snow	36250 00
Cemeteries	2000 00
Out Poor	6000 00
Town Farm	4100 00
Note Payments	10150 00
Interest	4790 00

Education	62000 00
Electric Light	10707 00
Water	2237 50
Unpaid bills	3062 50
Moth Department	2381 98
Committee Soldiers' Memorial	1000 00
Playground	500 00
Band Concerts	200 00
Memorial Day	250 00
Services Highway Expert	150 00
Topsfield Road	1500 00
Shell Fish	200 00
 Total Appropriations	\$183732 98
State Tax	18340 00
State Highway Tax	3159 49
Special State Tax	864 60
Municipal Lighting Plants	22 29
Proportion of Serial Bond	97 40
County Tax	10828 36
Excess of abatements above overlay in 1915	404 45
Poll Taxes due the Commonwealth	4629 00
Overlay for 1920	3076 18
 Total amount to be raised	\$225154 75
Estimated income	52273 03
 Non-resident Bank Tax	\$172881 72
	673 03
 	\$173554 75

Amount assessed on 1543 Polls	7715 00
Amount assessed on Property	165839 75
Amount of Personal Property Assessed	1346331 00
Amount of Real Estate Assessed	4706195 00
Number of horses	329
Number of cows	485
Number of sheep	53
Number of other neat cattle	162
Number of swine	193
Number of fowl	3678
Number of acres of land	17645
Number of persons assessed	2281
Number of persons assessed on property	1286
Number of persons assessed on Poll only	995
Number of dwelling houses	1302
Rate of taxation \$27.40 on \$1000.	

Later assessments were as follows:

On Personal Property	\$775 00
On Real Estate	\$3,900 00

JOHN W. NOURSE,
RICHARD R. GLASIER,
GEORGE FALL,

Assessors.

Report of the Overseers of the Poor.

OUT POOR DEPARTMENT

The method of handling the **usual** permanent and temporary cases in this department has been fully explained in former reports. Therefore, it is necessary only to say that, during the past year, there has been no particular deviation from the established rule. All cases have been investigated as completely as possible, aid extended or withheld as need and desert might or might not appear, and the same when extended withdrawn as early as possible after the need had disappeared.

Before aid has been granted the Overseers of the Poor have endeavored to satisfy themselves in each instance as to whether the need could be met in some other way than from the town treasury. It is not well to pauperize the applicant if it can be avoided. If he is able but unwilling to help himself, he must be persuaded or compelled so to do. If unable to help himself and the distress is but temporary, perhaps relatives, or friends, or the Associated Charities, or the Red Cross, or some of the Churches or Fraternal Orders can help him and thus make drafts upon the public funds unnecessary. All these agencies have been summoned to the aid of the Out Poor Department during the past year and the response has been very gratifying. Much closer co-operation has been effected between these agencies and the Poor Department, so that imposition in the duplication of supplies has been reduced to a negligible quantity.

The **unusual** problems with which the Overseers have

been compelled to deal—problems arising from business depression resulting in general unemployment—have been numerous, sometimes pathetic, and in other instances vexatious to say the least.

Let it be understood that when a person applies for aid and declares himself to be in dire need, the responsibility of proving otherwise falls squarely upon the shoulders of the Overseers. Their first duty is to make investigation of home-conditions by examining the cupboard, the coal-bin, the sleeping quarters, the wardrobe, and by taking a general survey of the premises. If need be apparent, perhaps the shopkeeper will extend credit or others may come to his assistance to prevent pauperization. If these sources fail, the bank is visited to ascertain as to whether there is any deposit to the credit of the applicant. In several cases we have found such deposit and have refused to aid. In other cases we have learned of money secreted in the applicant's home or snugly tucked away in a foreign bank where it has a largely enhanced value. A widow who plead poverty was found to have bought corporation stock at a recent date; not much, to be sure, but enough to show that she was not in need of assistance from this department. Another applicant was found to have a seventeen-hundred-dollar equity in real estate. Still another invested part of his first allowance in liquid moonshine, while his children cried for bread. Answers to questions regarding conditions have at times been anything but frank and ingenuous. Incorrect statements have occasionally been made when the absolute truth would have helped the applicant's case immeasurably.

The foregoing is the vexatious side of the question, but there is the pathetic side which has appealed to the sympathies in powerful manner.

How many American men, after the decease of their wives, would perform daily work in the mill, and then in the evening and on Saturday afternoons and Sundays devote their time to the care of four children whose ages might range from four to eleven years, one child being a cripple and needing more than the usual attention? Yet, a man of foreign birth was found to have done this very thing, unaided, for more than eighteen months, not appealing for assistance during the first six weeks of his enforced idleness. He received help because he richly deserved it. Another man, whose wife had gone away one evening and had neglected to return, was found to have taken care of two children, keeping them fed, clothed, and in school, for upwards of two years. This fact was disclosed when he was taken with typhoid and sent to the hospital by the Board of Health, the care of the children devolving upon the Overseers. While instances such as these are more or less common with mothers, they are so exceedingly rare with fathers as to excite comment.

The tale of want and wretchedness, of privation and suffering might be prolonged to a considerable extent. The Red Cross, Associated Charities, District Nurses, and Church workers witness scenes right in our midst which the average citizen does not think exists. These organizations render invaluable aid to the Overseers Department and are to be encouraged and supplied with funds from the private purse in order that they may continue their much-needed work of benevolence.

But notwithstanding the foregoing, the conditions in our town have evidently not been so bad during the period of unemployment as in many other industrial centers, where bread-lines have been formed and soup-kitchens opened to

feed the hungry; nor has the comparatively moderate increase in cost of the care of our poor been such as to create alarm. The Overseers Department has been well-organized, has worked harmoniously and industriously for the public good, with the general result that the poor have not suffered nor the tax-payers' dollars been allowed to slip carelessly through their fingers.

The statement that forty cents out of every dollar of state tax is applied to the taking care of those who cannot care for themselves will be an eye-opener to most people. It will serve to show what is the state of society at large, how crippled is its condition. The cost to Ipswich is far below that of the average of the Commonwealth.

A recent report of Mayor Peters shows that there has been, during the period of unemployment, an increase of ninety per cent. in the poor cases of the city of Boston. There has not been an increase of over twenty per cent. in Ipswich.

TOWN FARM

In accordance with a vote of the town, a steam heating plant was installed the past year, and we dare say that for the first winter season in history the inmates of our Alms-house have been provided with sufficient warmth and comfort. The entire cost of the plant was paid for from the balance of the insurance on the barn that was destroyed by fire in 1912. The boiler is sufficiently large to meet our present need and something beyond it. It is a sectional boiler, so that, if future requirements should call for much increase in capacity, other sections can be added and the grate lengthened at small expense and without disturbing the original plant. Between seasons or in mild winter

weather when occasional flashes of fire will be sufficient, four-foot lengths of refuse wood, knots, knurls, tree-trimmings, etc., can be burned and thus effect a saving in coal. Steam can be generated and the rooms in which there are radiators heated with surprising quickness. In conformity with the instructions of the town, the rooms that are in use were surveyed and a blue-print drawn by one of the leading architects and heating experts in the state. The plan was submitted to the State Inspector of Almshouses and the State Police Chief who pronounced it satisfactory. Bids were then advertised for and a copy of the blue-print with accompanying specifications presented to each prospective bidder. There were sealed bids from Ipswich, Newburyport and Boston, and as the bid of Mr. Arthur J. Brennan of Ipswich was considerably the lowest the contract was awarded to him. The work of installation was done under the superintendence of Mr. Bardwell, State Inspector of Almshouses, and when completed was pronounced by him eminently satisfactory. Mr. Brennan saved the town some money, performed a nice piece of work, and is entitled to commendation.

The farming operations the past year fell somewhat behind the previous year, owing in part to the unfavorable weather conditions. For this reason the income has fallen below our expectations.

The policy of raising all our likely heifer calves is increasing the number of the herd and soon we shall have cows to sell each year. The breed is a good milking strain of Holsteins, the milk never falling below the standard.

The inventory has been increased, but in fairness it should be stated that the increase in property has been

caused by the outlay for heating plant, water tank, etc., and not by income derived from our work.

Owing to the exhaustion of our appropriation, there have been no outside repairs on the buildings the past year. The coming year we should be able to continue the work of shingling the walls of the stock barn. The roof is as yet in fairly good condition.

The average number of inmates has been nine and one-half. We arrive at this figure by adding together the number of months spent at the Almshouse by regular and transient inmates and dividing the sum by twelve. The number of inmates does not vary greatly from year to year. The weekly cost per inmate was a little more last year than the previous year. With better conditions we hope to reduce the expense this year.

We have not been able to move the kitchen from the basement to the addition in the rear of the main building, but have this work in mind for future accomplishment, after which conditions will be much improved for the matron and her helpers.

In conclusion let us say that, as we have heard no complaint from those closely connected with our work and therefore competent to judge as to its difficulties and responsibilities, we are warranted in assuming that our efforts have met with satisfaction and approval, and therefore it is with feelings of mingled pleasure and pride that we present this account of our stewardship.

FRANK T. GOODHUE,
JOHN G. SPERLING,
CHARLES G. HULL,

Overseers of the Poor.

REPORT OF TOWN CLERK

I present herewith the annual report of the doings of the office of the Town Clerk. Some progress has been made along the line of preserving the old records and putting them in shape for the binding of those volumes and papers that need to be done; but the high cost of all that is needed for that work has caused the Clerk to hesitate about doing much in that line. Some of the books that were needed for constant use were after a great deal of trouble repaired and rebound but the fact that the book binders were unable to obtain the help needed for that work greatly retarded the placing of any more work although much required. I shall ask that any money remaining from the amount appropriated one year ago be allowed for me to continue the work of repairs.

VITAL STATISTICS

The whole number of births reported to the Town Clerk and recorded is 204, as follows:

Parents residing in Ipswich,	185
" " " Essex	5
" " " Gloucester	1
" " " Hamilton	7
" " " Rowley	4
" " " Taunton	1
" " " Wenham	1

Fathers born in Ipswich	31	Mothers born in Ipswich	25
Mass.	26	Mass.	43
U. S.	11	U. S.	5
Rus., Aus., Poland	57	Rus., Aus., Poland	57
Greece,	35	Greece	35
Br. Prov.	29	Br. Prov.	29
Eng. and Ireland	2	Eng., Ire., and Scot.	5
Italy	3	Italy	2
Denmark	1	Finland	1
Sweden	1	France	1
Unknown	8	Sweden	1
	—		—
	204		204

MARRIAGES

Whole number received and recorded	122		
Grooms born in Ipswich	24	Brides born in Ipswich	30
Mass.	25	Mass.	20
U. S.	12	U. S.	12
Br. Provinces	13	Br. Provinces	15
Rus., Aus., Poland	13	Rus., Aus., Poland	13
Greece	27	Greece	26
Italy	4	Italy	2
Germany	1	Germany	1
Portugal	1	Portugal	1
Ireland	1	Ireland	1
Turkey	1	Turkey	1
	—		—
	122		122

Married in Ipswich, 108; Boston, 4; Beverly, 2; Danvers, 1; Derby, Ct., 1; Newbury, 1; Norwalk, Ct., 1; Pittsfield, 1; Salem, 1; Rowley, 1 and Wakefield, 1. Total, 122.

DEATHS

Whole number recorded	97
Males, 51	Females, 46
Less than one year	19
One year and less than two	4
Two years and less than ten	3
Ten years and less than twenty	1
Twenty and less than thirty	3
Thirty and less than forty	2
Forty and less than fifty	9
Fifty and less than sixty	5
Sixty and less than seventy	11
Seventy and less than eighty	28
Eighty and less than ninety	11
Ninety and over	1
	97

Buried in Ipswich, 79; in Chelsea, 1; in Rowley, 2; in Salem, 2; in Essex, 1; in Hamilton, 2 in Portland, 1; in Stoneham, 1; in Newbury, 1; in Everett, 1; in Newburyport, 1; in West Boylston, 1; in Malden, 1; in Gloucester, 1; in Maynard, 1; and in Woburn, 1. Total 97.

The following persons were at the time of their death over eighty years of age:

Ellen V. Lang, died February 8th, 1920, aged 92 years, 1 month, 3 days.

William Goodhue, died February 13th, aged 84 years, 4 months, 23 days.

Lavina H. Woodworth, died March 1st, aged 81 years, 7 months, 11 days.

Hannah N. Murphy, died March 27th, aged 89 years, 1 month, 22 days.

Mary A. Clark, died March 17th, aged 85 years, 2 months, 23 days.

Mary C. Canney, died June 1st, aged 86 years, 6 months, 20 days.

Ellen B. Low, died September 30th, aged 84 years, 2 months, 16 days.

LICENSES

The following licenses were issued during the year:

Resident hunters' certificates	259
Non-resident property owner	1
<hr/>	
Total number of hunters, licenses	260
<hr/>	
Resident fishermen's licenses	24
Unnaturalized foreign fishermen's licenses	10
<hr/>	
Total fishermen's licenses	34

Dog Licenses

Whole number of licenses, 193; kennel, 1.

Male dogs	166
Female	26
Kennel	1
<hr/>	
Total	193

The kennel license was for five dogs, making the whole number of dogs, 197.

Other Licenses

Pool	11
Billiard	1
Bowling Alley	1
Motor Car Business	3
Innholders	2
Common Victuallers	3
Coffee Houses	3
Itinerant vender	1
Druggist liquor license	1

CHARLES W. BAMFORD,
Town Clerk.

Ipswich, Feb. 1, 1921.

REPORT OF CHIEF OF POLICE

Board of Selectmen,

Gentlemen:

I have the honor to submit to you the report of the duties performed by the Police Department for the year ending December 31, 1920.

Total number of arrests 271
Arrests by months:

January	.....	31
February	.....	11
March	.....	5
April	.....	13
May	.....	26
June	.....	23
July	.....	33
August	.....	26
September	.....	42
October	.....	23
November	.....	8
December	.....	30
Total	.....	271

Classification of Crime:

Drunkenness	.....	55
Gaming	.....	53
Larceny	.....	9

Non-support	5
Violation Fish & Game Law	6
Assault and Battery	11
Assault on Police Officer	1
Bastardy	2
Non-Attendance at school	2
Violation Town By-Laws	16
Threats	1
Violating Automobile Law	51
Lewdness	10
Fornication	4
Liquor Nuisance	1
Sale of Intoxicating Liquor	7
Keeping Liquor with intent to sell	8
Maintaining Liquor Still	2
Breach of the Peace	10
Vagrancy	9
Violation Board Health. Regulations	4
Operating Auto while under influence of Liquor	3
Carrying a loaded revolver without a permit	1

— 271

Crimes against Persons	11
Crimes against Property	9
Crimes against Public Order	251

— 271

Disposition of cases:

Fined	153
Probated	2
Committed to House of Correction	9
Filed	20
Appealed	15
Continued	21

Discharged	.....	18
Suspended	.....	27
Defaulted	.....	6
		— 271

Stolen property:

Value of property reported stolen	.....	\$605
Value of property recovered	.....	399

Lost property:

Value of property reported lost	.....	\$287
Value of property recovered and restored to owners	.....	236

Miscellaneous Business:

Assistance rendered to persons in distress	.....	9
Buildings found open and secured	.....	46
Complaints investigated Police Duty	.....	417
Complaints investigated as Field Driver	.....	59
Committed to Danvers State Hospital	.....	4
Lost children restored to parents	.....	3
Number of dogs killed	.....	21
Number of hours of special duty for private parties	.....	955

Inventory of Police Department:

Number of Badges	.....	14
Number of Chain Twisters	.....	12
Number of Electric Flashlights	.....	5
Number of pairs of Handcuffs	.....	4
Number of Keys	.....	30
Number of Metal Whistles	.....	6
Number of Clubs	.....	14
Amount of Fines received from the Third District Court	.....	\$1,267 98
Money received from the Ipswich Mills for		

police work	1,080	00
Money received from private parties	6	00
Reimbursements on telephones	13	93
 Total	\$2,367	91

In submitting the above report, I desire to take this opportunity to extend my sincere thanks to the Board of Selectmen, Judge G. H. W. Hayes and all other officials of the Court, Town Counsel Frank E. Raymond and to the officers and all others who have assisted me in the performance of my official duties.

Respectfully submitted,

EDWARD LEAVITT,

Chief of Police.

ENGINEERS' REPORT

To the Selectmen of Ipswich:

Following is the report of the Board of Engineers of the Fire Department for the year ending Dec. 31, 1920.

No. of men in the department	40
No. of box alarms	10
No. of still alarms	31
Total number of alarms	41
Value of department equipment	\$21,500 00
Value of buildings occupied by dept.	20,000 00
Value of fire alarm equipment	4,000 00
Property threatened by fire	61,000 00
Property damaged by fire	14,600 00
Insurance on property	29,900 00
Insurance paid	9,935 00

DEPARTMENT EQUIPMENT

Steamer	1
Hook and Ladder	1
Auto Combination Chemical and Hose	1
Auto Triple Combination Pumper	1
Hose Wagons	2
Hose reels	3
Fire Alarm Boxes	19
Number feet of hose	5500

We wish to report that the new pumper which the Town voted to purchase was received and put into commission October 2, 1920, making a valuable asset to the Department equipment. In installing this new piece of Apparatus we have eliminated the use of the hose wagon and steamer, which we would recommend the Town dispose of. We would also recommend that the Town motorize the Hook and Ladder truck.

We recommend the purchasing of 500 feet of new hose to replace some of the old.

ARTHUR H. WALTON,
EDWIN M. POOLE,
EDWARD H. SMITH,
Engineers.

REPORT OF THE BOARD OF HEALTH FOR 1920

Chapter 75, Section 49, 50 and 52 of the Revised Laws require that all diseases dangerous to the public health shall be reported by the attending physician within twenty-four hours of their occurrence. Thirty-seven diseases are included in that list. These diseases must also be reported immediately to the State Department of Health.

The following is the list for the year:

Chicken Pox	4
Diphtheria	3
German Measles	1
Suppurative conjunctivitis	3
Measles	3
Mumps	7
Scarlet Fever	18
Pulmonary Tuberculosis	3
Typhoid Fever	33
Whooping Cough	57
 Total	 132

There was one death from Typhoid fever.

While it is most important that the best of care and surveillance be maintained when such diseases occur, it is still more vitally important that everything possible be done to prevent their occurrence.

The number of diseases reported for the year was 132. This is a larger number than the average. The most of the diphtheria and scarlet fever cases were cared for at the Salem Contagious Hospital, where excellent service was rendered. We have been fortunate the past few years to have an arrangement with the Salem health department whereby these cases could be cared for.

The largest number of cases reported were whooping cough, there being 57 cases. The most of these cases were reported by the school nurse, who discovered them in the course of her duties. There are many cases that should be reported to whom no physician has been called and while the regulations require that parents shall report such cases they do not generally understand, that they are required to do so. It is fortunate for the public health that the nurse who is also connected with this department, is in a position to get this necessary information.

TYPHOID FEVER

For the first time in ten years there was an epidemic of typhoid fever last fall and 33 cases of this disease were reported. About half of them were cared for at the Cable Hospital and the rest at their homes. Careful investigation of these cases was made by this department and the State District Health Officer, and while it was perfectly clear as to the channel through which the infection was spread, it was not so clear as to its origin. One suspicious circumstance was discovered, a party who had to do with the handling of milk, ceased to handle it, and the spread of primary cases immediately ceased. This does not prove anything, but the fact that the spread of the disease stopped short must be accepted as a satisfactory outcome of what threatened to be a very serious matter.

HEALTH DEPARTMENT NURSE

Miss Martha J. Stewart, R. N., who for several years has acted as welfare nurse for the Division of Child Welfare, began in September last as a regular Department Nurse, devoting one third of her time to the Health Department and two-thirds to the school department. In addition to the child welfare which includes pre-natal maternity work, she is also looking after tuberculosis in a supervisory and educational way. She gives instruction in the family how to care for the sick, and how to prevent the well from becoming infected. She has had under observation nineteen cases of pulmonary, and eight cases of other forms of the disease. Her work enables the department to keep informed of the exact status of these cases. It is a most important addition to the department work and meets in every way the requirements of the Division of Tuberculosis of the State Department.

In the death of Mr. Aaron Lord, for the past ten years agent for this department, the town not only loses an excellent and upright citizen, but the department loses a most efficiency sanitary officer. Mr. Lord had his part, and it was an important one, in making the department what it is today—always on the job, nothing unsanitary escaped his observation and prompt action. He was a rare combination of firmness and diplomacy, and accomplished results without friction, where many men would have failed. His place will be hard to fill, and we, his associates, who knew his worth, and how efficiently he performed his duties to the last, tender to his bereaved family our sincerest sym-

pathy.

Respectfully submitted,

GEORGE E. MacARTHUR,

GEORGE W. SMITH,

Board of Health.

Ipswich, Feb. 1, 1921.

AGENT'S REPORT

Number of complaints received and investigated during the year, 53. Contagious disease cards posted as follows:

Diphtheria	5
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Scarlet Fever	16
---------------	-------	----

Influenza	5
-----------	-------	---

Measles	4
---------	-------	---

Dead animals buried or otherwise disposed of:

Dogs	3
------	-------	---

Cats	7
------	-------	---

Hens	5
------	-------	---

Respectfully submitted,

AARON LORD, Agent.

January 15, 1921.

REPORT OF MILK INSPECTOR

In submitting my report for the year 1920 I wish to say that the producers and distributors of the milk product are living up to their previous good record and are entitled to the good wishes of the public for the same. In my inspection of their barns and milk rooms everything was found in a good clean and sanitary condition and at all times they are always willing to comply with the regulations of the

Board of Health governing the same, and so long as these conditions continue we shall have nothing to fear as regards our milk supply.

In my inspection of all places where Ice Cream is sold I also found the same care was being taken to keep everything clean and in good condition as in the past.

Number of milk licenses issued	15
Number of Ice Cream licenses issued	17
Oleomargarine dealers registered	13
Total amount received for license fees	\$19.00

Respectfully submitted,

GEORGE W. SMITH,

Milk Inspector.

Ipswich, January 14, 1920.

THE FARLEY BROOK

Attention is again called to this perennial nuisance which has confronted this Board for years, which to all intents and purposes serves as a public sewer for a large number of persons and interests. This Board of course, does not officially recognize it as a public sewer, it passing through private land and serving private interests. The ultimate remedy of course, is a system of sewerages, the necessity of which this Board has many times pointed out, and recommended. We have for years collected from its users, money enough to keep it reasonably clean. Last fall, we appointed Mr. E. C. Brooks a special agent to interview the users and make collections. The interesting report of Mr. Brooks is herewith published. It contains several practical suggestions which it might be well to carry out. This Board will be glad to cooperate with the Selectmen or any Committee the

town may choose to see if conditions cannot be improved.

GEORGE E. MacARTHUR,
GEORGE W. SMITH.

Ipswich, Mass., Nov. 22, 1920.

To the Honorable Board of Health of Ipswich, Mass.

Gentlemen:

I have this day turned over to Mr. F. S. Witham, Clerk of your Board, a detailed statement of the Farley Brook Collection, made by me, together with the final payment, to him, of the net collections. From my report, you will see that eighty-five (85) different persons, or interests, contributed a total of \$322.50. The expense of collection, including commission, was \$42.50, leaving a net balance of \$280.00 that can be applied to work on the Farley Brook.

In making this collection, practically everyone who was approached was very willing to contribute at least something to keep this work along. Some cases were discovered, and one in particular, when by reason of having contributed in other years when known users of the brook had not done so, the person asked to give refused so to do, on the ground that if one gave everybody should give. The mere fact that a person contributes to this work does not in any way give him a claim to any right to use the brook. His contribution simply helps to make it possible to get along from year to year without forcing everybody to keep out of the brook, and it seems to me that in the future, it would be much better, instead of conducting the so-called cleaning campaign each year, for all persons using the brook to consider the question of tiling the brook, in order to forever do away with the work of raising a fund every little

while. As the town uses this brook to a very considerable extent in order to get rid of street surface water, it might perhaps be a question that the town could look into properly, for if I am correctly informed, a number of years ago a similar condition existed across land owned by Abram Caldwell. An open drain existed on this property, emptying further on into the brook, and carried off street surface water from High Street. Through an agreement entered into between the town and the owner, the open drain was tiled, and the expense was shared by both parties. This matter is one well worth being looked into by the Board of Health, with possible recommendations to be included in the annual report of the Board of Health.

In the Farley brook, work should be done as early as possible, in replacing a retaining wall near the house of Arthur C. Damon.

Mrs. Gaudet, who lives very near that section of the brook between Hammatt Street, and the store of John W. Goodhue, complains that the brook does not flow properly, and that she is being damaged because of that fact.

That section of Washington Street and Broadway that feeds the Farley Brook by a drain that crosses Washington Street, very near the corner of Washington Street and Broadway, is being called upon to undergo the disadvantages of very bad odors arising from this feeder, and something should be done there as soon as possible. The open drain flows through the low land in the rear of the property on Broadway, and the corner of Broadway and Washington Street that is owned by Stavoula Geanakountjas, and the condition there is a bad one. This open drain should either be cleaned out very soon, or else tiled. With so much available labor at this time, it would be possible, perhaps, to

have some of these matters attended to this fall to better advantage than it could be done later perhaps.

Respectfully submitted,

EDWARD C. BROOKS.

List of Contributors to the Farley Brook Fund.

Walter G. Brown	\$6 00	Mayer & Porter	\$2 00
John A. Brown	5 00	H. K. Damon	4 00
S. H. Thurston	2 00	H. K. Damon, Agent	5 00
Mabel R. Smith	4 00	Rees Jenkins	2 00
A. H. Walton	4 00	Howard Blake	2 00
E. F. Brown	2 50	W. F. Poole	4 00
Grace M. Dodge	4 00	A. I. Savory, Agent	2 00
Joseph Burnham	4 00	G. H. W. Hayes	4 00
Alice Blake	4 00	Charles Lampropoulos	2 00
W. F. Gould	2 00	D. E. Measures	5 00
C. H. Brooks	4 00	L. A. Lord	2 00
Etta Wentworth	2 00	Mabel C. Lord	2 00
Gus Vlahos	2 00	John Fannon	2 00
Jewett Sisters	2 00	Dustbane Mfg. Co.	5 00
J. W. Goodhue	5 00	George B. Brown	5 00
Mary A. Young	2 00	Robert Matheson	2 00
T. J. Broderick	10 00	Ipswich Gaslight Co.	3 00
Canney Lumber Co.	5 00	A. D. Kinsman	2 00
W. G. Horton	5 00	George Hills	4 00
Joseph Lemieux	2 00	Mary Rutherford	2 00
John Waleiko	5 00	J. E. Gallagher	2 00
Anthony Geanakas	2 00	Louis Lampropoulos	5 00
James Doucette	2 00	A. J. Barton, Jr.	2 00
Ellen Lange	2 00	Joseph P. Martel	2 00
M. B. Phillip	5 00	L. S. Millard	2 00

W. A. Mitchell	2 00	A. Giankintgios	3 00
F. L. Burke & Son	20 00	Peter Galanis	3 00
Heirs of N. S. Kimball	2 00	Peter Haritas	4 00
D. A. Grady	2 00	Mrs. G. G. Bailey	4 00
First National Bank	3 00	Louis Bixby	5 00
Dr. E. J. Smith	4 00	Charles Canelos	5 00
Trustees Manning Sch'l	5 00	Pauline Benedix	5 00
W. J. Riley	4 00	Fred G. Ross	2 00
Fred G. Ross	2 00	William Brown	2 00
Louis Nikolakakis	3 00	M. C. McGinley	5 00
John R. Morris	5 00	Boston & Maine	10 00
James Paganis	2 00	C. E. Bragdon	10 00
Louis Bean	4 00	Mary E. Jordon	2 00
John Gaudet	2 00	Helen W. Ross	4 00
C. F. Chapman & Son	5 00	Howard S. Hills	4 00
Harry Greenberg	3 00	Adelaide W. Starkey	4 00
Joseph Sojka	4 00	Edwin C. Lathrop	4 00
James Desarenes	4 00		—
W. A. Chaplin	4 00	Total Collected	\$322 50
Total Collected			\$322 50
Credit by cash		\$135 50	
Paid to F. S. Witham		28 00	
Total		—	\$163 50
Balance Due			\$159 00
		Credit	
G. A. Schofield & Son, printing		\$6 00	
E. C. Brooks, stationary, stamps		2 25	
Grace E. Brooks, stenography		2 00	
E. C. Brooks, Commission		32 25	
Total		—	\$42 50

Balance Due	\$159 00
Less Credits	42 50
Net Balance Due	_____
Total Collections	\$322 50
Less Credits	42 50
Net Collections	\$280 00
By Cash	\$135 50
By Cash	116 50
To Witham	28 00
Total	_____
	\$280 00

DIVISION OF CHILD WELFARE

Report of the Director

This division of the department, established in 1916, herewith submits its fifth annual report. It was established on the advice of the State Department because of the high mortality rate that had for years prevailed among children under one year of age. When it was begun the figures for the year 1915 showed that for that year there were 118 births, and that 23 children died. To show how conditions now compare with what they were then, the following table of births and deaths of each year since is shown. It will be seen that the birth rate has increased each year and that the percentage of deaths has diminished.

Year	Births	Deaths
1915	118	23
1916	138	27
1917	155	24
1918	194	24
1919	195	21
1920	204	19

It will be seen by the above that 19% of the children born in 1916 died that year, while only a fraction over 9% of those born in 1920 died during that year. This means that the mortality rate has been reduced over 50% in five years, and that is a remarkably good reduction. Had there been the same percentage of deaths in 1920 that there were in 1916 there would have been 39, instead of 19. This is approximate, and not carried out in decimal. Any one who will take the figures and work them out will find that the reduction has been a fraction over 50% in 5 years.

This showing amply justifies continuing the work. There has been a reduction in the rate each year and it will be our aim to further decrease the rate. The report of the school nurse which follows will show the scope of the work performed by her.

Respectfully submitted,

GEO. E. MacARTHUR, M. D., Director.

Ipswich, February 1, 1921.

**Report of Infant Welfare Work for Year Ending
December 31, 1920.**

Ipswich, Mass., Jan. 17, 1921.

Brought Forward	493
New Cases	199
Readmitted	3
	<hr/>
	695

DISCHARGES

Moved Away	44
Over age	300

Could Not Locate	2
By Death	16
	—
	362
Still under care	333
Visits to and concerning T. B. Patients	32
MARTHA J. STEWART, R. M.	

REPORT OF SUPERINTENDENT OF STREETS

Board of Selectmen,

Gentlemen:

I herewith submit the annual report of the Street Department for the year ending December 31, 1920:

Team No. 1 worked 2229 hours @ \$1.25 \$2,786 25

Team No. 2 worked 2236 hours @ \$1.25 2,795 00

Single team worked 363 hours @ \$.91 330 33

Autocar truck worked 1430 hrs @ \$2.50 3,575 00

————— \$9,486 58

INVENTORY

4 horses	\$900 00
3 pr double harnesses	150 00
2 pr street blankets	50 00
2 pr storm blankets	7 00
2 pr stable blankets	7 50
3 two-horse carts	375 00
2 two-horse sleds	100 00
1 two-horse sweeper	225 00
3 road machines	400 00
5 road plows	75 00
12 gravel screens	60 00
2 two-horse shovels	25 00
3 stone drags	15 00
1 two-horse stone roller	40 00

4 road drags	50 00
1 steam roller	1,000 00
1 scarifier	100 00
2 watering carts	375 00
7 snow plows	175 00
1 one-horse wagon	50 00
1 oil wagon	600 00
1 tar kettle	45 00
1 Ford truck	100 00
1 Albany jack	13 50
1 differential hoist	25 00
snow fences	120 00
1 Autocar truck	3,000 00
all other tools, etc.	800 00
	————— \$8,883 00

Respectfully submitted,

J. A. HUCKINS, Supt. of Streets.

**Report of the
SEALER OF WEIGHTS AND MEASURES.**

To the Honorable Board of Selectmen,
Gentlemen:

I have the honor to present to you the annual report
of the Sealer of Weights and Measures.

	Sealed	Non-Sealed	Condemned
Platform Scales over 5,000 lbs.	9		1
Platform Scales under 5,000 lbs.	46	2	2
Counter Scales	28	1	
Beam Scales	8		1
Spring Balance Scales	26	2	8
Computing Scales	31		1
Slot-weighing Scales	4		2
Prescription Scales	3		
Dry Measures	7		
Liquid Measures	69		3
Yard Sticks	22		
Oil and Gasoline Pumps	18	2	1
Molasses Pumps	5		
Avoirdupois Weights	335	20	Adjusted
Apothecary Weights	62		3 Condemned
Metric Weights	41		

Fees and adjusting charges collected and paid to Town
Treasurer, \$73.22.

Respectfully submitted,

WILLIAM A. STONE,
Sealer of Weights and Measures.

SELECTMEN'S REPORT

TOWN HALL

One of the largest items of expense in this department was caused by the fire which was extinguished in such an efficient manner by our local department as to call for congratulations from several out of town experts. We found in the matter of repairing the damage that it would be impossible to put the work out on bids as is the usual custom, as it was impossible to find out how far the damage extended. A close inspection of the work was followed up by the state inspector, both as to the carpenter work and the work of the electricians. We were notified by the State Police in 1918 that we would be required to rewire the building and in consequence of this we found it a much more expensive job than we expected. We consider the condition of the corridors much improved by installing several windows thereby saving the burning of lights a great part of the time. The Court Room has been enlarged and can now be used for practically all of our special town meetings. We have added a window in the Treasurer and Collector's Office making it much lighter and have made a change in the Accountant's office thereby giving the Accountant more room which he needed badly. We invite the inspection of the citizens at any time and feel sure that they will agree that the hall never looked better. We have also laid a new floor in the upper hall and would recommend that at the annual town

meeting an appropriation be made to repair the hall and the roof as it is no credit to the town in its present condition. During the progress of the repairs the State Inspector called our attention to a previous order issued in 1918 in regard to the construction of a ventilator over the stage, as an added means of fire protection and insisted that the order be complied with at once, or forfeit our hall license. In consequence of this we have advertised for bids for constructing the same.

POLICE DEPARTMENT

In regard to the police department we beg to report that we have tried to have the laws enforced, perhaps a little stronger than usual and in some cases have been criticized severely. The ever-increasing automobile traffic is quite a factor to be reckoned with and is expensive to control. The Board found it very difficult to find field drivers who would accept the office and were obliged to appoint the police officers. This requires extra expense in way of auto hire and special police. Although prohibition has suppressed the sale of hard liquors, the tendency to run private stills and the sale of other substitutes have kept the department busier than usual as the records of the department will show. We feel that law enforcement in our town in the past year will compare very favorably with surrounding towns. We are required by law to keep an officer on duty at the hall while prisoners are confined in the lock-up and we have had an officer stationed there every night whose duty it is to have charge of the lock-up and to answer all night calls. We have installed a red light signal at the front entrance of the hall where night calls for police will be attended to at once. We wish to thank all citizens who have interested themselves in behalf of this department.

HIGHWAY DEPARTMENT

We wish to call attention to the fact that owing to labor conditions and high cost of material we have been set back practically a year in road maintenance. We recommend the purchase of a steam scarifier to be attached to the road roller, by means of which we can take up and relay long stretches of road at a comparatively small expense. We also recommend that the Town purchase a machine loader, an efficient labor saving device, to be used in gravel pits. We also recommend the purchasing of every gallon of road oil or tarvia that the town can possibly afford as the best solution of road maintenance we can offer. We are still handicapped by not owning a good gravel supply but hope to in the near future. It seems to be the object of owners of private gravel pits to boost the price unreasonably each year, compelling us to take land for this purpose. The ever-increasing automobile traffic has put an extra strain on this department which must be met by increased appropriations each year. We think the town should make an appropriation each year for edgestones and some sort of permanent sidewalks, either granolithic or brick. The truck purchased for this department has been very satisfactory in every respect and has been used in many different phases of the work. The Topsfield Road proposition was not put through this year on account of a misunderstanding on the part of State and County officials, as to which end of the road the work should start. We have an agreement the coming year whereby we will construct the entire road provided the town will appropriate an additional sum of \$2,500, making \$4,000 in all, the state and county having agreed to appropriate a like amount. We are informed by the De-

partment of Public Works that Essex Road will be finished by the State as a State road this coming year which will be a substantial addition to this type of road in our town.

Respectfully submitted,

EBEN B. MOULTON,

JOHN A. BROWN,

JOHN H. CAMERON,

Selectmen of Ipswich.

Report of the Good Roads Committee

Your committee has given this matter considerable thought and attention, and finds the question a very complex one.

The public does not need to be informed that our roads are in bad shape and unless some economical method of repair and construction is arrived at, this matter is going to be an ever increasing source of annoyance and expense to the Town.

We believe that the continued and enlarged use of automobiles and trucks necessitates an entirely different procedure in order to keep the roads up in shape.

We find that practically all of the Towns, cities and states are availing themselves of all of the labor saving devices possible in the way of steam roller scarifiers, machine loaders, tractors, etc.

We recommend that the town purchase this year a steam scarifier addition to be attached to the steam roller and also a machine loader, this latter being an especially efficient labor saving device in gravel pits. The steam scarifier addition will enable the highway department to tear up, shape and relay a mile of road in about three days.

We cannot urge too strongly that every means be used in the way of efficiency and proper supervision to return the town full value for its money spent and that greater stress

be laid on the point of building permanent sections of the road each year instead of using the Town's money to fill in depressions in the roads, which to say the least is only of momentary benefit.

Respectfully submitted,

EBEN B. MOULTON,

JOHN H. CAMERON,

M. CHARLES ARTHUR,

ROGER S. WARNER,

Good Roads Committee.

REPORT OF THE COMMITTEE ON INSURANCE

Your committee has gone into this matter thoroughly, has ascertained the value of all of the different town buildings, from the report of a contractor the amounts of insurance carried thereon; has taken up the questions:

1. Of the Town carrying no insurance whatever.
2. Of the Town carrying its own insurance.
3. Of the Town insuring its buildings at a 50% valuation.
4. Of the Town insuring its buildings up to the 80% clause as is advised by the local insurance agents.

1. Should the Town decide to carry no insurance whatever; in case of a loss by fire, the Town would simply have to raise enough money by taxation to replace the loss.

2. Should the Town decide to do its own insurance; by law a town can appropriate and set aside as a sinking fund one-twentieth of 1% each year (in Ipswich about \$3,000) of its total assessed valuation until this sinking fund shall reach a total of 1% of its total assessed valuation, in the case of Ipswich about \$60,000.

By appropriating \$3,000 each year and putting it out at 5% interest compounded annually, in fourteen years this would reach slightly in excess of the total allowed by law, provided, of course, that we do not have any fire damage during this period of years to replace out of this fund.

3. The Town may insure its property at any proportion of the actual value it may deem wisest; however, in case of damage by fire, unless a building is insured at up to 80% of its actual value the Town would have to bear its proportionate part of the loss as determined by the amount of insurance carried thereon.

4. The Town may insure its property at 80% of the actual value, and by so doing would protect itself against damage by fire up to the full amount of the insurance.

It would cost the Town approximately \$900 annually on a five year term basis to insure all of its property at up to 80% of the actual value.

In case the Town should decide to insure its property at less than on an 80% basis the cost to the Town would be proportionately less. Possibly a schedule blanket policy could be arranged on the 80% basis which would cost the Town about \$100 less annually.

Your committee feels that the Town should decide its own insurance program, and is simply giving the Town the above data with that idea in mind.

The Town Buildings are valued at approximately \$200,000 and at present are insured for about \$117,000, or an average of a little less than 60% of their value; but there is a wide discrepancy in the various buildings in the percentage of insurance as compared to their actual value, one building being insured for 175% of its value while some carry no insurance whatever.

Our only recommendation is that all of the Town Buildings be treated alike in the way of insurance and that authority to arrange all of the Town fire insurance be vested in some one board or committee.

Respectfully submitted,

EBEN B. MOULTON,

JOHN A. BROWN,

M. CHARLES ARTHUR,

MICHAEL J. LUCEY

Committee on Insurance.

TOWN OF IPSWICH

TWENTY-SEVENTH
ANNUAL REPORT
OF THE
WATER
AND
MUNICIPAL LIGHTING
COMMISSIONERS



FOR THE YEAR 1920.

IPSWICH, MASS.

G. A. SCHOFIELD & SON, PRINTERS.

 686

1921

Officers of Water and Municipal Lighting Commission.

COMMISSIONERS

ARTHUR H. WALTON, Chairman	Term expires 1921
WALTER G. BROWN	Term expires 1922
CHARLES A. MALLARD	Term expires 1923

CLERK

TREASURER

WILLIAM J. RILEY Office, Room 2, Town Hall
Manager Electric Light, Arthur H. Walton
Chief Engineer, Edmund A. Russell
Line Superintendent, Electric Light J. Harry Sheppard
Foreman, Water Department, William P. Gould
Office of Commissioners, Room 5, Town Hall
Meetings held every Friday at 8 P. M.

CONSTRUCTION DEPARTMENT**LIST OF BILLS AND AMOUNTS PAID FOR THE YEAR
ENDING DECEMBER 31, 1920.****PIPE LINE**

Paid to	Amount
Walworth Mfg Co, pipe and fittings	\$59 21
Chapman Valve Co, pipe and fittings	41 50
Total	\$100 71

SERVICE PIPE

Walworth Mfg Co, pipe and fittings	\$122 27
Wm P Gould, labor	133 00
John McLaughlin, labor	20 75
Crane Company, pipe and fittings	160 10
Bill Mosk, labor	32 13
Chadwick Boston Lead Co, pipe and fittings	181 05
National Meter Co, meters	50 00
M Mueller Mfg Co, pipe and fittings	36 31
A D Mallard, labor	9 00
F E Wood, teams	3 33
Worthington Pump Co, tools	60 42
Edmund Kelly, labor	27 00
B & M R R, freight	1 83
Total	\$837 19

MAINTENANCE**Repairs Pipe Line**

Manzer & Damon, labor	\$39 45
N J Bolles, supplies	20
Wm H Rand, labor	19 20
Wm P Gould, labor	119 15
John McLaughlin, labor	28 25
Electric Light Dept, labor	39 19
A J Barton & Son, labor	50
Arthur McIntire, labor	21 38
G O McIntire, labor	9 70
J H Sheppard, labor	5 50

Arthur Norwood, labor	13 52
Frazer Kelly, labor	13 52
C F Chapman & Son, supplies	40
J W Goodhue, supplies	4 65
Jos A King, labor	4 55
A P Littlefield, labor	3 00
Robert Player, labor	4 50
Thomas Horsman, labor	9 00
 Total	 \$335 66

Repairs Services	
Wm P Gould, labor	\$1,248 35
E N Brown, labor	32 26
John McLaughlin, labor	18 00
C S Tyler, supplies	9 00
Wm Parsons, labor	12 94
Wm P Gould, teams	10 00
A I Savory, supplies	1 50
F E Wood, express	63 14
C F Chapman & Son, supplies	1 00
American Express Co, express	2 29
J W Goodhue, supplies	21 10
Buffalo Meter Co, supplies	9 50
National Meter Co, supplies	11 46
Crane Company, supplies	2 28
Peoples Express Co, express	32
N J Bolles, supplies	45
Jos A King, tools	2 25
Walworth Mfg Co, supplies	2 82
 Total	 \$1,448 66

Administration	
Cotton & Woolen Mfg Co, insurance	\$50 00
Geo A Schofield & Son, printing	136 15
Geo A Schofield, insurance	18 75
N E Tel & Tel Co, telephone	51 80
J H Lakeman, envelopes	111 32
G H W Hayes, premium on bond	40 00
Wm H Rand, commissioner	18 85
A H Walton, clerk and manager	850 01
A H Walton, commissioner	100 00
W G Brown, commissioner	100 00

C A Mallard, commissioner	81 15
Damon & Damon, insurance	92 59
First Nat Bank, rent box	5 00
A A Jewett, bookkeeper	390 00
Mutual Boiler Ins Co, insurance	24 50
Electric Light Dept, pumping	3,500 00
Total	\$5,570 12

Station and Grounds

G P Anderson, supplies	\$21 50
United States Rubber Co, supplies	25 35
G W Knowlton Rubber Co, supplies	18 49
Geo E Marsh Co, supplies	9 80
Lunkenheimer Co, supplies	58 28
Crane Co, supplies	19 49
A C Damon, supplies	39 00
Canney Lumber Co, lumber	12 46
Shawmut Chemical Co, rep boiler	41 25
F E Wood, express	18 35
Wm P Edgerly, labor	107 06
Waldo Bros & Bond Co, rep boiler	4 75
C L Lovell, cement	24 75
Jos A King, repairs	1 00
Wm McCarthy & Co, repairs boiler	2 50
Austin L Lord, repairs boiler	37 10
Gardner Co, repairs boiler	86 40
Geo Hayes, repairs	7 40
American Express	3 79
Total	\$538 72

NOTE PAYMENT

Notes Paid by Treasurer	\$2,150 00
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INTEREST

Interest paid various parties by Treasurer	\$7,841 00
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Sinking Fund	4,994 53
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**RECEIPTS AND DISBURSEMENTS FOR THE YEAR
ENDING DECEMBER 31, 1920**

Receipts	Disbursements
Water Rates \$19,359 09	Deficit \$658 21
Services 421 20	Maintenance 7,893 16
Appro note payt 2,150 00	Services 837 19
Appro Hydrant 2,237 50	Pipe Line 100 71

Misc Water	44 91	Interest	\$7,831.00
Misc Receipts	105 00	Note Payment	2,150 00
Insurance dividend	45 00	Sinking Fund	4,994 53

	\$24,362 70 (Note—Maintenance should read
Deficit	112 10 \$7,903.16, instead of \$7,893.16.)

	\$24,474 80	\$24,474 80
--	-------------	-------------

BALANCE SHEET FOR YEAR ENDING DEC. 31, 1920

Bonds issued	\$160,000 00	Engineering	\$3,350 00
Notes outstanding	33,750 00	Land Damage	3,599 12
Prem on bonds	10,412 58	Pumping Station	14,425 24
Prem on notes	60 25	Pumps and Mach	19,637 65
Appropriation	37,699 20	Storage Basin	27,693 59
Misc receipts	165 43	Bull Brook	1,778 60
Water Rates	302,282 83	Dist Reservoir	17,827 50
Filter appro	143 28	Pipe Line const.	125,437 13
Appro note payt	16,189 75	Service pipe const	22,529 49
		Store House	178 70
		Miscellaneous	2,834 20

Cost of Const	\$239,291 28
Interest on bonds	173,422 20
Maintenance	102,990 40
Materials on hand	1,645 54
Water Rates due	4,344 12
Services due	195 78
Deficit	112 10 Sinking Fund payt 38,926 10

\$560,815 42	\$560,815 42
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SUMMARY OF COST OF CONSTRUCTION
TO DECEMBER 31, 1920

Construction Account	Dec. 31, 1919	Dec. 31, 1920
Engineering	\$3,350 00	\$ 3,350 00
Land damage & rts of way	3,599 12	3,599 12
Pumping station	14,425 24	14,425 24
Pumps and Machinery	19,637 65	19,637 65
Storage Basin	27,693 59	27,693 59
Bull Brook supply	1,778 60	1,778 60
Dist reservoir	17,827 56	17,827 56
Pipe line const	125,321 52	\$115 61 125,437 13
Service pipe const	22,170 79	358 70 22,529 49

Store House	178 70	178 70
Miscellaneous	2,834 20	2,834 20
	\$238,816 97	\$474 31 \$239,291 28

SINKING FUND

	Receipts	Investments
Appro.	1895	\$1,700 00
"	1896	1,759 50
"	1897	1,899 08
"	1898	1,965 55
"	1899	2,032 00
"	1900	2,138 65
"	1901	2,363 50
"	1902	2,446 22
"	1903	2,531 84
"	1904	2,680 32
"	1905	2,890 91
"	1906	2,986 47
"	1907	3,084 00
"	1908	3,418 34
"	1909	3,656 61
"	1910	3,671 99
	From prof	1911
	"	3,784 73
	"	1912
	"	3,901 40
	"	1913
	"	4,022 17
	"	1914
	"	4,146 45
	"	1915
	"	4,276 52
	"	1916
	"	4,410 42
	"	1917
	Appro	4,549 00
	From prof	1918
	"	4,692 43
	Interest	1919
	"	4,840 88
	Profit on bonds	1920
		4,994 53
		Interest
		47,400 00
		Profit on bonds
		518 89
	\$132,762 40	\$132,762 40

SUPERINTENDENT'S REPORT

To the Board of Water Commissioners:

Gentlemen:—Following is the report for the year ending December 31, 1920.

MAIN PIPES

The number of feet of mains laid to date and sizes are as follows:

14 inch	1,505
12 inch	10,963
10 inch	8,830
8 inch	17,897
6 inch	81,746
4 inch	3,708
2 inch	9,920
1 inch	2,070

Total, 136,659 equals 25 miles, 4,659 feet.

STREET GATES

Total number now set is	157
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HYDRANTS

They are in good working order, the total now set is as follows:

Town	179
Private	15
<hr/>	
Total	194

SERVICE PIPES

Ten services have been added this year. Total number services connected with the works to date, 1080.

Following is an account of the number of services added, also the number of feet of service pipe laid (by years) since the works were put in:

Year	No. services added	Town Ft. In.	Private Ft. In.	Total Ft. In.
1894	181	4,470 4	2,771 2	7,241 6
1895	218	5,312 3	6,051 5	11,363 8
1896	110	2,391 9	2,616 5	5,008 2
1897	32	896 6	1,991 6	2,288
1898	42	1,112 7	1,318 3	2,430 10
1899	34	841 2	1,335 10	2,177
1900	30	641 2	2,741 4	3,382 6
1901	25	517 4	1,209 5	1,726 9
1902	25	580 1	3,657 2	4,237 3
1903	19	800 1	1,589 1	2,389 2
1904	17	367 5	263 2	630 7
1905	30	1,172 7	443 1	1,615 8
1906	22	454	233 5	687 5

1907	49	986	9	625	8	1,612	5
1908	38	715	3	464	8	1,179	11
1909	31	653	5	336	9	990	2
1910	35	765		819		1,584	
1911	15	345	5	271	11	617	4
1912	13	328	8	188	10	517	6
1913	16	526		350		876	
1914	15	262	5	146	2	408	7
1915	25	451	9	145	10	597	7
1916	19	374	3	254	2	628	5
1917	12	225	5	172	5	397	10
1918	6	116		102	9	218	9
1919	10	168	4	202		310	4
1920	11	186	10	202		388	10
	1,081	24,953	9	30,603	9	55,197	6

Total 55,197 feet, 6 inches equals 10 miles, 2,397 feet.

The service pipes are cast iron, lead and galvanized iron from $\frac{3}{4}$ inch to 4 inches.

SYNOPSIS OF THE PUMPING RECORD FOR THE YEAR ENDING DECEMBER 31, 1920

Month	Total pumping time per month		Total number gallons of water pumped per month	Average number gals. per day	
	Hrs.	Min.		Gallons	Gallons
January	212	15	11,094,825	357,897	
February	196	15	10,415,175	359,144	
March	285		15,132,075	488,131	
April	241		12,666,450	422,215	
May	195	15	10,139,775	327,090	
June	219		11,314,050	377,135	
July	276		14,693,925	473,998	
August	261	45	13,883,175	447,844	
September	220	45	11,761,725	392,058	
October	202	45	10,710,975	345,515	
November	181	45	9,389,400	312,980	
December	170	30	8,832,825	284,930	
Total for year	2,662	15	140,034,375		
Daily average for year				382,608	

Estimated amount of coal used 201 1484/2240 tons.

METERS

Total number of meters in use.

NAME	Sizes					Totals
	3 in.	2 in.	1½ in.	1 in.	5/8 in.	
Crown	4	8	4	5	41	62
Empire				1	56	57
Hersey				3	34	37
Lambert		1		2	23	26
Niagara			1		70	71
Nash				8	226	234
Worthington				2	10	12
Columbia					2	2
Elevator					2	2
—	—	—	—	—	—	—
	4	9	5	21	464	503

TREASURER'S REPORT
WATER DEPARTMENT, TOWN OF IPSWICH
WILLIAM J. RILEY, TREASURER
DR.

To amounts received:

Fixture Rates	\$7,963 32
Meter Rates	11,416 70
Miscellaneous Water	31 78
Miscellaneous	288 22
Construction	192 64
Service Pipe Supplies	37 54
Insurance Dividend	45 00
Hydrant Appropriation	2,237 50
	————— \$22,212 70
DEFICIT Jan. 1, 1921	112 10
	—————
	\$22,324 80

CR.

By paid:

Commissioners' orders	\$14,078 59
Interest	7,588 00
	—————
	\$21,666 59
DEFICIT Jan. 1, 1920	658 21
	————— \$22,324 80

The Treasurer has the following bills for collection:

Fixture Rates	\$952 76
Meter Rates	588 13
Little Neck	309 86
Miscellaneous	195 78
	————— \$2,046 53
Meter Commitment, Dec. 31, 1920	2,493 37
	—————
	\$4,539 90

WATER NOTES AND BONDS

OWNED BY	Amount	Rate	Date of Issue	Matures	Number
Lamprecht Brothers	\$88,000	4	July 1, 1894	July 1, 1924	88
Sinking Fund I W D	12,000	4	July 1, 1894	," 12	89-100
E P Jose	20,000	4	Jan. 1, 1895	," 20	111-130
Sinking Fund I W D	10,000	4	Jan. 1, 1895	192710	101-110
Sinking Fund I W D	1,000	4	Jan. 1, 1897	," 1	135
N W Harris & Co	5,000	4	Jan. 1, 1897	," 5	131-136
Sinking Fund I W D	2,000	4	July 1, 1899	," 2	137-138
Sinking Fund I W D	3,000	4	July 1, 1900	," 3	144-146
Adams & Co	6,000	4	July 1, 1900	," 6	139-143-147
Sinking Fund I W D	1,000	4	Dec. 14, 1903	," 1	148
Name not recorded	1,000	4	Dec. 17, 1903	," 1	149
Sinking Fund I W D	4,000	4	Dec. 31, 1904	," 4	150-153
"	3,000	4	Oct. 21, 1907	," 3	154-153
"	"	"	Nov. 19, 1907	," 1	157
"	"	"	Dec. 31, 1907	," 2	158-159
"	"	"	Nov. 30, 1908	," 1	160
Five Cents Savings Bank, Lynn Cemetery Trust Funds	5,000	4	Oct. 1, 1910	1921 to 1930 in 10	11-20
Sinking Fund I W D	2,500	4	Oct. 1, 1910	1921 to 1925 inc 5	11-15
	7,500	4	Oct. 1, 1910	1926 to 1940 inc 15	16-30
	3,250	4	Oct. 1, 1913	\$250 each year 1	45
	3,500	4	Dec. 1, 1914	\$250 each year 1	68
	8,000	4	Dec. 1, 1915	\$400 each year 1	117
	4,000	4	May 1, 1916	\$250 each year 1	123
					\$1,937,750

Electric Light Department.

CONSTRUCTION EXPENSES

The following bills have been paid for construction during the year 1920.

Paid to	Amount
C J Dupray, labor	\$19 71
J H Sheppard, labor	179 03
Fred Manthorn, labor	160 04
A D Mallard, labor	11 25
Francis Wade, labor	13 75
Aug McInnis, labor	16 63
Frank McInnis, labor	7 88
J J Merrill, lamps	528 08
American Express, express	22 80
General Electric Co, supplies	497 02
New Eng Tel & Tel Co, new lines	966 18
Pettingell Andrews Co, supplies	1,276 89
Wetmore Savage Co, supplies	1,443 15
F E Wood, express	30 19
B & M R R, freight	1 94
Foster McDonald, supplies	423 94
E W Ham Electric Co, supplies	33 30
 Total	 \$5,631 78

DR.	CONSTRUCTION ACCOUNT	CR.
To balance, 1919	\$2,603 81	By bills paid \$5,631 78
To depreciation appro	3,300 00	By balance 814 91
Cash Private cn.	214 93	
Due Private cn.	327 95	
	 \$6,446 69	 \$6,446 69

COST OF CONSTRUCTION

Cost of Real Estate	\$ 8,117 19	\$ 8,117 19
Cost of Steam Plant	. 16,431 18	16,431 18
Cost of Elec Lines	85,373 54	\$5,384 36
Cost of Elec Plant	10,008 54	247 42
	<hr/>	<hr/>
	\$119,930 45	\$5,631 78
	<hr/>	<hr/>
		\$125,562 23

NOTES AND INTEREST

Interest paid 1920 by Treasurer	\$2,442 00
Notes paid 1920 by Treasurer	4,050 00
DR. NOTE INDEBTEDNESS	CR.
To notes outstanding	By notes paid 1920 \$4,050 00
Jan. 1, 1920 \$59,950 00	By Bal outstanding
	Jan. 1, 1920 55,900 00
	<hr/>
	\$59,950 00
	\$59,950 00

MANAGER'S REPORT

To the Water and Lighting Commission,

Gentlemen:

I submit the following report of the receipts and expenditures of the Lighting Plant for the year 1920.

MAINTENANCE

Paid to	Amount
Edmund Russell, labor	\$1,919 64
F W Fiske, labor	1,790 20
George E Brown, labor	1,322 31
George L Fall, labor	1,745 86
Everett Guilford, labor	4 67
R B Pickard, labor	1,442 80
Fred C Rust, labor	1,437 50
Wm P Edgerly, labor	1,119 06
Chester Cook, labor	1,301 50
Dan Maguire, labor	171 00
<hr/>	
Total	\$12,254 54

FUEL

James Sheppard	\$355 96
Ress Jenkins	372 51
W W Walton	36 50
Atkinson Coal Co	6,459 77

B & M R R	6,840	57
Lathrop Bros	22	55
Frank E Howe	2	50
Horace Ellsworth	4	50
Brainard Wallace	103	24
Edmund Kelly	118	15
John Caska	28	69
John Halubowski	7	87
John W Goodhue	4	50
New Eng Coal & Coke Co	1,197	09
Jacob Caska	18	56
Ipswich Mills	43	65
Daniel Kelly	91	53
A H Walton	9	62
John D Kelly	31	51
Albert Sheppard	81	67
Tom Czak	26	16
Newburyport Gas & Electric Co	27	03
Chas F Lamprey	14	50
Fred Bodwell	39	95
Frazer Kelly	39	94
A I Savory	6	43
John A Brown, track hire	97	00

Total \$16,291 95

MISCELLANEOUS

New Eng Tel & Tel Co, telephone	\$33	40
A G Osborne, oil and waste	934	33
F E Wood, express	45	30
John F Wippich, repairs	1	50
J H Lakeman, supplies	78	64
G A Schofield, insurance	1,070	52
C F Chapman & Son, supplies		95
A H Walton, manager	849	99
G A Schofield & Son, printing	156	25
Lunkenheimer Co, supplies	5	41
Wm H Rand, commissioner	18	85
H B McArdle, supplies	8	75
Ipswich Mills, repairs steam plant	2	00
C S Tyler, supplies	13	64
Geo E Marsh, supplies	16	15
J J Merrill, repairs steam plant	39	91

United States Rubber Co, repairs steam plant	2 72
Cotton & Woolen Co, insurance	100 00
A H Walton, commissioner	100 00
W G Brown, commissioner	100 00
C A Mallard, commissioner	81 15
G W Knowlton Rubber Co, repairs at plant	24 92
Damon & Damon, insurance	557 70
J W Goodhue, supplies	15 00
J J Merrill, supplies	109 47
B F Sturtevant Co, supplies	15 37
General Electric Co, supplies	55
Miley Soap Co, soap	28 00
Newburyport Trucking Co, oil and waste	7 10
Canney Lumber Co, lumber	24 57
C J Dupray, repairs lines	441 30
J H Sheppard, repairs lines	1,183 81
A D Mallard, repairs lines	17 50
Fred Manthorn, repairs lines	747 14
A H Walton, paid out	6 00
Dan Kelly, repairs lines	60
Edw Kelly, repairs lines	60
Wm Plant, repairs lines	83 00
Frazer Kelly, repairs lines	2 25
C F Chapman & Son, repairs lines	29 00
A C Damon, repairs lines	1 25
J W Goodhue, repairs lines	53 30
J J Merrill, repairs lines	15 74
Pettingell Andrews Co, repairs lines	235 41
Peoples Express Co, repairs lines	9 89
American Ex Co, repairs lines	5 47
F E Wood, repairs lines	21 91
Mass. Lighting Asso, dues	10 00
A I Savory, repairs lines	11 54
B B Ward, repairs lines	6 85
Foster McDonald, repairs lines	125 20
Wetmore Savage Co, repairs lines	23 77
Jos A King, repairs lines	13 76
R W Davis, auto supplies and repairs	16 24
Mayer & Porter, auto supplies and repairs	68 29
H Greenburg, auto supplies and repairs	59 92
A A Jewett, bookkeeper	405 00
E E Currier, auto supplies and repairs	14 32

C J Dupray, auto supplies and repairs	70
Almy Bigelow & Washburn, auto supplies and repairs	39 55
W C Henderson, auto supplies and repairs	6 30
F E Wood, teams	42 50
J H Sheppard, auto supplies	3 68
Fred Manthorn, auto supplies	2 00
Canney Lumber Co, auto supplies	84
Standard Oil Co, auto supplies	125 19
Registry of Motor Vehicles, auto register	2 00
 Total	 \$8,273 96

NOTE PAYMENT

Notes paid by Treasurer	\$4,050 00
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INTEREST

Interest paid various parties by Treasurer	\$2,442 00
--	------------

JOBMING DEPARTMENT

C J Dupray, labor	\$12 69
J H Sheppard, labor	26 66
Fred Manthorn, labor	7 82
Stuart Howland, supplies	15 64
J J Merrill, lamps	37 78
Foster McDonald, supplies	1 15
Pettingell Andrews Co, supplies	113 75
McKenney & Waterbury, supplies	26 19
 Total	 \$241 68

DR.	MAINTENANCE	CR.
To bal Jan. 1, 1920	\$9,665 68	By Bills paid \$36,820 45
To sale of current	30,701 04	Less old bills due
To sale steam power	3,500 00	Jan. 1, 1920 4,085 27
To insurance div	90 00	Coal on hand 1,676 00
To rent of poles	200 80	Rent for poles due 200 80
To amt recd for coal	1,034 71	Bal in favor of Dept
To cash salaries	50 00	Jan. 1, 1921 8,780 38
To misc	5 00	
To rent of poles due	218 60	
To coal on hand	2,000 00	
Amt due for light	4,074 70	
Due for coal	22 37	
	\$51,562 90	\$51,562 90

DR.	JOBBING DEPARTMENT	CR.
To bal profits to	By bills paid 1920	\$241 68
Jan. 1, 1920	\$3,440 42	By old bills due
Labor and material	262 14	Jan. 1, 1920
Bills due	32 75	By bal in favor of
		dept Jan. 1, 1921
		3,475 32
	\$3,735 31	\$3,735 31

TREASURER'S STATEMENT

ELECTRIC LIGHT DEPARTMENT, TOWN OF IPSWICH
WILLIAM J. RILEY, TREASURER

DR.	
To Cash Balance, January 1920	\$1,383 13
To amounts received:	
Commercial Light	\$24,899 33
Prepayments	347 75
Town Buildings	690 69
Power	7,317 57
Miscellaneous	1,888 28
Interest Appropriation	2,442 00
Note Appropriation	4,050 00
Depreciation Appropriation	3,300 00
General Appropriation	915 00
	45,850 62
	\$47,233 75

CR.

By paid:	
Orders	\$42,693 91
Notes	4,050 00
Interest	2,442 00
	49,185 91

DEFICIT \$1,952 16

The Treasurer has the following bills for collection:

Commercial Light	\$827 14
Town Buildings	70 85
Power	25 50
Miscellaneous	58 32
	981 81
Commitment, Dec. 31, 1920	3,694 56
	4,676 37

ELECTRIC LIGHT LOAN

HELD BY	Amount	Rate	Date of Issue	No. Notes	Maturities
Chelsea Savings Bank	\$6,000	4	Oct. 1, 1903	7	1921-1926 inc
Malden Savings Bank	2,000	4	Oct. 1, 1903	2	1927-1928 inc
Sinking Fund I W D	3,000	4	Oct. 1, 1903	3	1930-1932 inc
Sinking Fund I W D	1,000	4	Dec. 15, 1904	1	note 1921
Holliston Savings Bank	4,000	4	Dec. 15, 1904	4	notes 1922-1925 inc
State of Massachusetts	4,000	4	May 1, 1905	4	notes 1926-1929 inc
Sinking Fund I W D	2,000	4	Dec. 15, 1906	2	notes 1930-1931
Cemetery Trust Funds	2,000	4	June 15, 1907	2	notes 1932-1933
North Ave Savings Bank	2,000	4	June 30, 1908	2	notes 1934-1935
Malden Savings Bank	2,000	4	June 15, 1909	2	notes 1936-1937
Sinking Fund I W D	2,000	4	June 30, 1910	4	notes 1931-1934 inc
Five Cent Savings Bank, Lynn	1,500	4	Oct. 1, 1910	3	notes 1921-1923 inc
Sinking Fund Ipswich W D	3,500	4	Oct. 1, 1910	7	notes 1924-1930 inc
Ipswich Savings Bank	3,500	4	Dec. 30, 1910	14	notes 1921-1934 inc
Sinking Fund I W D	1,200	4	June 29, 1912	1	note \$100 each year
Geo A Schofield	1,300	4	June 30, 1913	1	note \$100 each year
Sinking Fund I W D	1,400	4	June 30, 1913	1	note \$100 each year
,, ,, ,,	1,400	4	June 30, 1914	1	note \$100 each year
,, ,, ,,	1,500	4	June 30, 1915	1	note \$100 each year
,, ,, ,,	1,600	4	June 30, 1916	1	note \$100 each year
,, ,, ,,	1,700	4	June 30, 1917	1	note \$100 each year
,, ,, ,,	1,800	4	June 30, 1918	1	note \$100 each year
Ipswich Savings Bank	5,500	4	July 1, 1919	11	notes 1921-1931 inc
					\$55,900
					Total

MANAGER'S REPORT

This year I would recommend the Town appropriate \$10,767 for street lights, the same amount paid per lamp as last year. From this amount will be charged interest, note and depreciation, the balance to be charged to manufacturing account.

The following tables show the number of services and also the amount of sales each year since the start.

Year	No. Services	Sale of Current and Power
1904	69	\$ 3,605 53
1905	105	7,076 77
1906	131	8,330 68
1907	170	7,462 43
1908	195	9,010 34
1909	218	9,178 64
1910	269	10,594 48
1911	323	12,159 42
1912	362	14,557 45
1913	435	16,131 80
1914	477	17,380 33
1915	521	19,559 41
1916	591	19,497 04
1917	652	21,975 77
1918	648	23,859 75
1919	700	29,238 74
1920	772	34,201 04

There has been a steady growth in the business of this department during the past year, the increase in the number of services and the amount of revenue being much larger than the previous year, but on the other hand the cost of operation, increased more in proportion than the revenue making a net loss to the department. With the loss in operation last year and Rowley being discontinued, with the high cost of operating expenses at the present time I believe we should increase our rate to 14c per K W hour the same discount being allowed, and I would recommend this advance in price be made.

I wish to say also, that we have connected this past year a power load which I believe when business conditions are settled and their operations resumed, will offset the loss of Rowley which will come in the daytime when we can

easily care for the same.

With the increase of revenue for power the last year I believe with a little encouragement we can build up our day load to a far greater amount and I would recommend the Commission consider the adjustment of our power rate.

With all three engines in good running condition I believe we are in a position to care for any increased load for the next year to come.

ARTHUR H. WALTON, Manager.

COMMISSIONERS' REPORT

To the Citizens of Ipswich:

The Municipal Water and Light Commission submit their annual report for the year ending Dec. 31, 1920.

Water Department

The expenditures for the year 1921 are estimated as follows:

For Interest payment	\$7,745 00
For General expenses	11,000 00
For Hydrant service	2,237 50
<hr/>	
	\$20,982 50

The board recommends the amount for hydrant service be raised and appropriated from the tax levy, the balance be taken from the earnings of the Water Department.

In computing the general expense for the coming year, the commission feel as the plant is steadily growing older, it meets with a steady increase in our maintenance expenses.

Many complaints are received of services filling up especially those which have been in since the water system was installed, with this condition arising it will make an added expense to keep them in repair.

We would recommend the placing of a new fence around the reservoir and repairing the fence at the basin which we believe should be attended to this year.

We also wish to report that we have installed under the recommendations of our Chief Engineer a new feed pump at the Station to care for our old one, also replaced and repaired piping and valves to the extent of \$1,445, which will be charged to this year's expense.

With the cost of our general expenses last year plus the repairs at station, and other repairs recommended we be-

lieve that \$11,000 will be none too much for the coning year.

We also wish to call your attention to our water service to Little Neck, we believe that in the very near future a new pipe line will have to be installed, there are times in the summer when there is no supply on the hill and we believe the present pipe line is too small to give ample supply, the only remedy we can see is to install at least a 3" line to care for their needs.

We would recommend purchasing a Ford truck for the Water Dept., also building a garage jointly with the Electric Light Dept. in the rear of the Town Hall for their use.

ELECTRIC LIGHT DEPARTMENT

We would recommend the Town raise and appropriate for street lights the same as last year making:

791 40 watt lamps at \$12.00	\$9,492 00
17 300 watt lamps at \$75.00	1,275 00
Total	\$10,767 00

From this amount will be charged interest \$2,275, note \$4,050, and depreciation \$3,750.

We would recommend no appropriation be made to the Electric Light Department for the Town buildings as the various departments include in their budgets recommendations for the same.

We wish to report as our contract with the Town of Rowley expired July 1st last we continued supplying them with current until Dec. 30th and with their loss which we believe will be felt to some considerable extent, together with the loss in operation last year, and the high cost of operating expenses at the present, with no relief in sight we believe the present price should be increased to care for loss.

However, with the increased number of services connected the past year, and business conditions back on a normal basis, we feel that our connected load when put into operation, will offset our loss. But until such time we feel obliged to increase our rate, to take effect Jan. 1, 1921.

We wish to report that we are having repaired the Sturtevant Engine and excitors which we trust when completed will be in good running order. With the other two engines in good condition we feel that we can care for any increase in load to a reasonable extent the coming year.

We wish to report that we have installed meters on our switchboard to measure our output.

Respectfully submitted,

ARTHUR H. WALTON,

WALTER G. BROWN,

CHARLES A. MALLARD,

Water and Light Commissioners.

February 1, 1921.

AUDITOR'S STATEMENT

This is to certify that I have examined the books and accounts of the Water and Electric Light Department, and of the Treasurer of the Sinking Fund and find them correct.

FREDERICK S. WITHAM, Auditor.

Ipswich, Jan. 26, 1921.

ANNUAL REPORT

— OF THE —

SCHOOL COMMITTEE

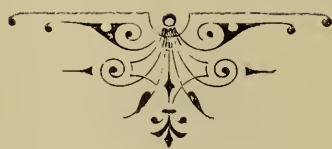
— OF THE —



Town of Ipswich

FOR THE YEAR 1920.

Charles G. Hull, Printer:
8 Cogswell Street, Ipswich, Mass.
1921.



ORGANIZATION OF SCHOOL COMMITTEE.

Chairman, Herbert W. Mason

Finance and Budget, -

Dr. MacArthur and William J. Riley

Text Books and Teachers, Herbert W. Mason and Mr. Millard

Repairs and Grounds,
Mr. Wait and Mr. Galligan

School Physician, Dr. George E. MacArthur
School Nurse, Martha J. Stewart

Attendance Officer, George W. Tozer
Clerk of the Board, George W. Tozer

Superintendent and Purchasing Agent,
Joseph I. Horton

Office, Manning School Building
Office Hours, School Days from 3.30 to 5.00

FINANCIAL STATEMENT.

Expenditures.

General expenses	\$ 4461 16
Teachers' salaries:	
Day	40507 97
Evening	158 00
Text books & supplies	3812 74
Tuition	178 70
Transportation of pupils	2612 83
Support of truants	58 14
Janitors' services	3253 16
Fuel & Light	4579 20
Buildings & Grounds	2124 01
Furniture & Furnishings	39 00
Diplomas & Graduating exercises	189 38
Insurance	979 17
Services of athletic coach	150 00
TOTAL expenditures	<u>63103 46</u>
Unexpended balance	<u>1 51</u>
	<u>\$63104 97</u>

Appropriation	\$62000 00
" " unpaid 1919 bills	88 23
Transfer from Reserve Fund	200 00
Balance from 1919	<u>816 74</u>
	<u>\$63104 97</u>

Receipts to the credit of this department
for the year have been as follows:

Tuition of State Wards	279 47
Other tuition	3581 50
Comm. of Mass. Income Tax	6425 00
Miscellaneous	50 63
Total credits	<u>\$10336 60</u>
Total expenditures	\$63103 46
Total credits	<u>10336 60</u>
Net expense	<u>\$52766 86</u>

REPORT OF THE SCHOOL COMMITTEE.

To the Citizens of the Town of Ipswich:—

Another school year has been completed, and in accordance with a time-honored custom and the requirements of law your Committee presents the following report of the condition of our schools.

It is with feelings of special satisfaction and appreciation, that we are enabled to inform our fellow citizens of the continued prosperity and progress of our schools, and the abundant promise of better things to come. There has been little of sickness among teachers and pupils. What changes have taken place in our teaching force, and they have been very few, have occurred during the closing days of this year. Thus a good start has been secured for the new year just beginning. Providing accommodations for an exceptionally large increase in the number of pupils has been accomplished without loss or confusion, and at very little initial expense. The amount of truancy and tardiness has been considerably reduced. The relations between teachers and pupils were never more harmonious than at present. The spirit of the schools is excellent, and the pupils, of the upper grades especially, have given substantial evidence of a better conception of their privileges and responsibilities, and have

adopted a more rational attitude toward their work. Basing our opinion upon the foregoing elements, and recognizing the value of each contributing factor in the equation, we have little or no hesitancy in saying that, barring unseen difficulties, our schools today give better promise of real substantial growth and improvement than ever before.

This, of course, depends very largely upon our ability to hold our present organization together. We feel that the personnel of our teaching force is much above the average, and fully as high, if not higher than it has ever been before. And we are not alone in this opinion. Not a few of our teachers have been interviewed by out-of-town superintendents and school agents, and inducements have been made to them which would strongly tempt the cupidity of persons of less robust character.

This may be taken as evidence of the high type of these faithful public servants to whose intelligent care and guidance we submit the training and the future welfare of our own children. And it is this type of teacher that we must retain if we wish to fit our boys and girls for the duties of citizenship.

It is with no little reluctance and regret that we inform you of our inability to carry out the proposed improvements in the toilet arrangements of the Payne and Cogswell Schools. These places have been unsightly and unsanitary for a long time, and several cases of serious illness have occurred at the last-named school.

While we cannot positively claim that this was the source of infection, your committee has felt for some time that it was a matter of extreme importance and should be remedied as soon as possible. Accordingly an article was inserted in the warrant for an appropriation of \$2000 with which the improvements might be made. This received the sanction of the Finance Committee and the Town voted the appropriation.

The plan originally proposed was to utilize the space in the lower hallways for the placing of modern equipment. Ample provision also was to be made for enclosing, heating and ventilating the same. Of course, this would have given us rather crowded quarters; but it would have been adequate for these small schools, and have been infinitely more convenient and sanitary.

But the State Inspector of Buildings, very carefully and convincingly, pointed out the inherent weaknesses of the scheme and the first plan was abandoned altogether. He then proposed extensions in the rear of the buildings as more suitable for the purposes needed. Thereupon, Mr. Trussell, who was present at the time the Inspector suggested the change, was instructed to submit plans and specifications which should have the approval of the State Inspector, together with estimates of cost. This he has done, but the cost was prohibitive.

The estimate for the Payne School was \$5,600; for the Cogswell School \$4,300. When we say that the appraised value of these two buildings is \$5,290 and 5,000 respectively, you will understand why the improvements were not made this year. But the problem is still ours, and should be solved in some way at once.

The law requiring school children to complete the work of the sixth grade instead of the fourth as in former years, has resulted in the largest enrollment of pupils the Town has ever had. And this tendency will continue for at least two years more, or until our school population adjusts itself to the new conditions which add this number of years to the school life of each pupil. As a consequence our schools, with few exceptions, are filled to capacity, and in some rooms the pupils out-number the accommodations.

At present all are completely housed, but with the present rate of increase it will be but a short time before additional ac-

comodations, either in the shape of a new building or the enlargement of old ones, will have to be provided.

Repairs have been limited to such items as could not be longer postponed without resulting in further damage and loss. And even here, several matters which should have had immediate attention, have been put aside until prices of materials and of labor shall have reached a more reasonable level. The recommendations of last year along this line of work, still hold good and should have the earliest attention possible.

Your Committee takes especial pride in the fact that the number of High School pupils who are preparing for higher institutions of learning, is constantly growing. This speaks well for the school and for the community, and we hope to see a still larger number showing a like determination. Our school should send to these higher schools and colleges, at least, ten each year.

In keeping with this idea, permit us to say that a movement is being inaugurated for the establishment of an Alumni Fund for the assistance of those worthy pupils who wish to go to college but are lacking the necessary funds. A little help at the start will smooth the way for many a young boy or girl to make choice of the larger fields of service, and to bring to the surface a great deal of talent which, in the past, has been permitted to lie buried.

We wish to call your attention to the Budget to be found in another part of this report. Every item of the same has been given considerate and careful attention; and we fail to see, under present conditions, the real and growing scarcity of teachers and consequently higher salaries, the advanced price of stationery and schoolbooks, together with record prices for fuel and transportation, how our estimates can be reduced. We are not contemplating any increase of salaries. What we are striving to do is to hold our school organization where it is today.

Our teachers are under contract to July 1, and present arrangements must be carried out. As an offset to this, let it be remembered that the revenue coming back to the Town, from the State in the shape of rebates, and tuitions from this and other sources is no inconsiderable sum. In round numbers it will be \$10,000.

In closing this report your Committee wishes to give expression to their appreciation of the cordial and continued co-operation and support it has always received from parents and the Town's people in general. In behalf of our schools and of our community, we hope that our service may continue to hold a high place in your personal interest and regard; and that our efforts may be crowned at last with that noblest product in the whole world, a well-made American citizen.

Respectfully submitted,

HERBERT W. MASON, *Chairman*
LUTHER WAIT
DR. GEORGE E. MACARTHUR
CHARLES H. GALLIGAN
WILLIAM J. RILEY
LESLIE C. MILLARD

SUPERINTENDENT'S REPORT

To the School Committee of the Town of Ipswich, Mass.,
Gentlemen:—

This is the nineteenth in a series of reports issued from the offices of Superintendent of Schools and the fifth by the present incumbent.

It is with no small degree of satisfaction that we advise you of the steady growth and uniform progress of the schools under your charge. Our schools to-day have a larger enrollment than ever before in the history of the Town. The number of teachers employed is also the highest on record. In fact, all the available school room has been brought into use; and at the present rate of increase it will be but a short time before we shall have to provide further accommodations.

At the beginning of the long vacation last July it was evident, judging from what data we could collect, that we should be obliged to make use of the small, one room building, in the yard of the Payne School. This building, although vacant for some years, had remained undisturbed so far as its equipment was concerned, and, with a thorough cleansing of walls, desks, and floors, and the replacing of a few desks, was soon put into condition for the new class which filled it to capacity the very first day.

Miss Frances Trussell, who formerly taught in the lower room of the Payne School, was put in charge and Mrs. Millard was transferred from the Cogswell School to take the place made vacant by the withdrawal of Miss Trussell.

This change accomplished another very desirable object. It reduced the number of two-grade rooms, and gave us three straight grades in this district, each accommodated in a single room under the management of a single teacher.

The housing of our school children was a matter of extreme uncertainty throughout the whole vacation period. The statement that the Greek people in this community were about to withdraw their children from the public schools, caused us to hesitate in making any provision for a greatly increased number of children. If these people should carry their designs into effect, no extra accommodations would be needed. Should they fail to do so, then we should be obliged to provide for the total number. All our plans therefore were accompanied by doubt and misgiving lest all the work we should do might be unnecessary and finally go for nought.

But at last, about ten days before the opening of the schools, it became evident that the school officials would have to provide the extra accommodations and extra teachers as well.

Accordingly, the Warren St. School, which had from the beginning of the World War been given over to Red Cross and other welfare work, was cleared and thoroughly cleansed. Desks, formerly used in the study hall of the Manning School, were brought in and both rooms refurnished without the purchase of a single piece of new furnitute. Of course, the desks were too large for children of these grades, but where it was impossible to make a suitable adjustment in the desk itself, a foot rest was installed to secure a proper and comfortable seat for each and every pupil. Aside from the awkward appearance of the furnishings, these rooms are adequately furnished for all practical

school purposes.

We were extremely fortunate in securing, at the very last moment, the services of Miss Helen W. Marr, a training-school graduate and a teacher of experience, for the fourth grade. Miss Eva A. Willcomb was transferred from the Winthrop School to take charge of the fifth grade.

Considerable changes were made in the seating arrangements of the Manning High School during the summer vacation. Nearly all the desks were resurfaced. Those in the bookkeeping room at the front of the large Hall were brought down and rearranged in double rows in room 5 on the second floor. The typewriting desks were carried across the hall-way into the room adjoining thus bringing the whole commercial department of the school into one compact body from which all changes could be made with least waste of time and effort.

By this arrangement the large hall is left free for chapel exercises, lectures and school entertainments, and is available for the use of the pupils of all grades below the High School as well. It also brings the school together on the two lower floors, assists materially in the work of supervision of the corridors and stairways, saves time and confusion in change of classes and reduces to a minimum the temptation to lawlessness and rowdiness. In fact, I have not seen a single instance of this sort of conduct during the year. And, with all credit and due respect for the good intentions of our boys and girls, and, let me assure you it is by no means inconsiderable, I feel that such admirable conduct may be due in no small degree to the fact that the opportunity to do otherwise could not be found.

In going into these petty details of supplying additional accommodations for our school children, I am perfectly well aware of the utter uselessness of such material for legitimate school-report purposes; and I hesitated at first about introducing the matter. But I had a two-fold purpose for so doing. In the first

place I wished to make it clear to the taxpayers that in providing three additional school rooms and in employing four extra teachers, every effort was made to keep the expense of such work down to the lowest possible figure. My second object was to express my appreciation of the admirable conduct of the teachers occupying two of these hastily-furnished rooms. The furniture itself is on the border line between the antique and the really modern; the desks are movable, inconvenient, and noisy, not at all comparable in appearance with those in some of our school rooms. But these teachers have accepted the situation in splendid fashion; and never has any hint or sign of a murmur or complaint come to my knowledge. Allow me to say in all sincerity that in view of brief space of time and the character of the material with which these changes were obliged to be made, I feel deeply grateful for the attitude they have maintained throughout a very trying season.

In this connection let me say that owing to lack of funds we have adopted every conceivable make-shift device in order to keep within the limits of our appropriation. Old books that had been boxed up for exchange, were unpacked and put into use again; second-hand books have far outnumbered new ones in our purchases; and in many instances that I might mention, actual necessities have not been permitted. The price of supplies of all kinds, of fuel, and of transportation has reached the limits of extortion. But we were compelled to take them at the prices demanded. Had I taken the risk of limiting my coal supply to January 1st, I should have had enough with which to pay all my bills. In view of the fact that the closing of the schools for a single day entails a loss of over \$300, I deemed such a course altogether too hazardous, and the coal was purchased. We have on hand at the present time enough to carry all the schools through until the first or the middle of March, and the smaller schools are fully provided for up to the end of the year.

The nightmare of a deficit which has been before me for the past six months, has at last become the reality I dreaded — the first since I have been with you.

NEW RIGHT-OF-WAY. (Temporary)

Since my first coming into this office, there has been more or less discussion as to obtaining an exit from the rear of the school grounds across the land adjoining out to Manning Street. Each year brought a certain amount of agitation and effort in this direction, but all, until this year, to no avail. Some of the land owners were again interviewed this last year and prices for this desirable privilege, ranging from \$25 to \$100 annually, were finally obtained. An agreement was then entered into between Mr. William Rand and the School authorities, that for the sum of \$25, to be paid annually, the **school children** might have the privilege of crossing his land by a certain, well defined path or way to the above-mentioned street, with the distinct understanding that any deviation from the prescribed path or way should be considered an act of trespass and furnish sufficient grounds for the revoking of the privilege. It was also stipulated that the agreement might be terminated by a thirty-days notice given by either of the parties. This passage way, which is not by any means in the best location, greatly benefits the children living in the easterly part of the Town and saves a considerable amount of time and travel. It is thoroughly appreciated in stormy weather and should have been secured years ago.

HEALTH PROMOTION.

This work has been undertaken with renewed energy this year by each of the three units comprising the organization for this work, and there is every evidence of the closest affiliation and co-operation among them.

Physical training has a definite place on the program of each and every one of our schools. No pupil is excused therefrom except upon the written statement of his family or the school physician, setting forth the unfitness of the pupil for such vigorous exercise. In these setting-up exercises the object is to promote the symmetrical development of the body as a whole; and to impart to the internal organs such measure of strength that they may function naturally and completely that the individual may take pleasure in his work as well as in his play, and find joy and delight in living or in being alive. To such men and women, with a sound mind in a sound body, we must depend in the future, as we have done in the past, for the greatest and best service to humanity, and we must bend all our energies to secure such a noble end. I feel that our boys and girls are deriving much benefit from this work and refer you to the report of Professor Hermann for a more extended account of what is being done.

The modern viewpoint that health is largely a matter of habit is rapidly gaining ground even among laymen, and most parents are sincerely interesting themselves in this vitally important matter. They desire to know why their children are not developing physically as well as mentally, and they seek to remedy any defects. The child's record of weight and measure as revealed by the quarterly score card receives quite as much scrutiny as do the ranks for arithmetic and spelling. We recall with pleasure the many expressions of satisfaction and gratitude com-

ing from parents whose children have shown the standard increase in development and growth; and we shall not soon forget the appreciation of those parents in whose children the School Physician found the unmistakable symptoms of incipient tuberculosis. Both of these children were removed from school, put upon a nourishing diet, kept in the open air, and are well on the road to a perfect recovery. What to eat, and how and when food should be taken, sleeping with a window open, bathing, care of the teeth, and keeping away from people that are sick, and avoiding crowded and stuffy rooms and public halls, all these have a place in the content of the instruction given; and in a large majority of cases the pupils show a responsiveness that is most gratifying.

The health charts posted in the corridors and in some of the school rooms are always centers of attraction to interested groups of children eagerly scanning these voluntary records; and you may rest assured that the boy or girl to whose name is affixed the largest number of stars or credits is no inconsiderable personage.

This work is closely correlated with oral and written compositions by the room teacher and in this way much of the information so received is carried to the home where its influence is greatly needed.

The follow-up work by the School Nurse functions very economically with that of the Attendance Officer. Attendance slips come to the Superintendent's office at the beginning of every session. Should a pupil's absence be indicated as due to illness, the name is given to the School Nurse who at once investigates the case. In many instances she finds that absence from school is due to other causes than sickness. The child may be retained at home to assist the parent in one way or another. It may be to look after the smaller children, or to minister to one or both parents who themselves are ill. Not

infrequently it is because the child himself is lacking in foot-wear or some other article of clothing. If such be the case, the matter is immediately brought to the attention of one or the other of our local charitable organizations and the situation is speedily relieved.

While it is the first duty of a school superintendent to see that the pupils under his supervision and control, devote the most of their time and energies to the acquisition of knowledge, to the development of that strength of mind and purpose that shall enable them later on to get understanding, I must confess to a feeling that the work of our health department as briefly outlined in the foregoing, may, after all, be considered as a responsibility and an obligation of equal if not superior rank and merit. I cannot, of course, go into any extended argument here to support my position. But I will say this that, ideally considered nothing in the cold, business-like, academic work of the schools, begins to compare in scope and influence with this humanizing work. No other division of school work functions so widely and completely with the fundamental principles of all Christian civilization, nor links together so many of those splendid institutions upon which the social order depends for its very existence.

The work of the school, the home and the church is here brought together in a wonderfully forward-looking way that enables us to give that all-round, symmetrical development of the mind, the body, and the soul, which will make the perfect man.

And so we have come to look upon this feature of our work, not as a passing fad, nor as an isolated and negligible fragment; but rather as a very fundamental and vital part of our school program — as something wholly worth while and should have a prominent and permanent place in the daily work of every school.

Whether or not there is any need of such work among the

children of our schools shall be left wholly to your judgement. But before giving a decision, please read the percentages of underweights as given by the report of the School Nurse.

DRAWING

Owing to illness Miss Anna L. Nason, the Supervisor of drawing, has been unable to attend to her duties in the schools for two months. We have hoped that she might recover sufficiently to resume her work within a limited period. But up to this time she has not been able to return. The greatest need for her services is felt in the High School where some of the senior class wish to offer mechanical drawing as a unit for admission to the Institute of Technology. Unless she is able to return within a very short time, we shall be obliged to secure someone else to take her place.

This we shall be loath to do, since Miss. Nason has been doing satisfactory work, and has the confidence and esteem of the pupils, teachers, and school officials. We certainly hope that she may make a rapid recovery and be found among her pupils again within a very short time.

MUSIC.

This department is still under the guidance and direction of Mr. Arthur H. Tozer, who has held the position of Supervisor of Music for some time. He brings to his work the same energy and ability to attain results as he has shown in the past and is maintaining that same steady progress which commends itself to both parents and school officials.

Although he has been considerably handicapped by lack of

books, and other music material he has shown some superior work with the classes of the Junior High School. The pupils of the sixth grade and above are taking up part singing with considerable enthusiasm and relish, and are acquitted themselves well in both school and concert work.

This is the awkward age, when children naturally hesitate and dislike to do anything so effeminate as to sing, but nothing of the kind is noticeable in this school. All take part willingly and seem to enjoy the exercise very much.

This is due in large measure to the Supervisors strict method of discipline. The loafer and the slacker finds this a most uncomfortable situation, and abandons all such inclinations if he has any, very early in the course. The result is that *all or very nearly all, sing*, and increasing enjoyment and appreciation is very noticeable. I doubt if you will find many schools where a larger percentage of the pupils take part in such earnest and rational fashion, and I have received quite a few very complimentary notices of the work.

The giving of examinations in the mechanics of the subject has considerable to do with present attainments. The rank of each pupil is made a matter of record and counts in their average rank for promotion. On the other hand due credit is given for all outside work in this subject, whether it be vocal or instrumental, that can be certified to by a recognized, competent instructor.

The High school is greatly in need of some book containing selections for responsive reading, with hymns suitable for chapel exercises. Such a book has been selected, but could not be purchased last year as our funds were insufficient. This, I consider, to have been a great loss of opportunity for creating a refined and lasting school spirit of the very best type. For the pupils in this school, the present is a very impressionable age; and the power of every agency and instrumentality should be

invoked in their behalf to strengthen and build up these finer qualities of mind and heart while they are most susceptible to such influences. We can ill afford to neglect or ignore these fitting opportunities for inculcating these nobler sentiments, and giving enlarged visions of usefulness through the days to come. If a dog will respond to kind, intelligent, and sagacious treatment why shouldn't a boy? The trouble is that in the administration of our school we have over emphasized the how-to-get-a-living, and neglected too long and too much the how-to-live.

We have tried to keep the idea and ideal of service constantly before the minds of these young people. The custom of carol singing by the school has been carried out this year, perhaps more than ever before, in the spirit of genuine good will; and we have the assurance that the effort met with as genuine an appreciation. Singing at the Hospital and at the Home for the Aged by groups of our school children at other times than on school days will be the final test to which this work should be submitted. If it stands that test, it will be pronounced good.

In closing this topic, we feel fully justified in saying that the work of this department is greater and better in quantity and quality than ever before. A more generous and outspoken appreciation on the part of the parents and friends of the school will be very encouraging to both supervisor and pupils.

PENMANSHIP.

For many years past the classes of Mrs. Nellie Smith (nee Sullivan) at the Burley School have shown exceptional ability in this line of work. The percentage of certificates granted to her pupils far out-numbered those given to schools of similar grade. More than all this her work always showed superior excellence in our school exhibits, and her pupils retained so much of this

ability that it was always in evidence in the higher grades to which her pupils were promoted. Again, the character of her work served as an inspiration to other teachers in grades below and above her own. And when such teachers began to realize that *the time* given to this subject was not the chief factor in the solution of this problem, they began to give more attention to position and movement during every written exercise, and the thing was accomplished. The theory of teaching penmanship is very simple indeed. The difficulty lies in compelling the pupil to persistent effort in maintaining correct position and movement until they become established habits. It requires patience, painstaking care, and obedience; and satisfactory results will be retarded in direct ratio to our letting up on any one of these three essentials.

The pupils have shown considerable enthusiasm in this subject during the past year and we have tried to encourage them by giving certificates and diplomas for satisfactory work. Neither the teachers nor myself act as judges in this matter. Specimens of the work are submitted to disinterested parties and there is no appeal from their decision.

The pupils of the Burley School were awarded twenty nine certificates and seventeen diplomas. Miss Weare's room took the lead for fourth grades and Miss Sullivan's for fifths. In the Winthrop School thirty three diplomas were given out and not a few of these were awarded to former pupils of the Burley School.

At the beginning of the year the chairman of the School Board, Mr. Herbert W. Mason, who has always taken a vital interest in the welfare of our schools, offered six cash prizes one of which was to be given to a pupil in each of the grades from four to eight inclusive, who could show the best work for the year. The papers were collected and assorted and six of the best from each grade were sent to Mr. Mason who submitted

them to a committee, composed of Boston School teachers, an expert penman, and a business man for their findings. After a critical examination of these papers, which the committee declared were of unusual merit, the prizes were awarded to the following named persons:

Mary Sourereo	- - - - -	Fourth grade.
John Starsiak	- - - - -	Fifth grade.
Mildred Surrette	- - - - -	Sixth grade.
Jennie Shulaka	- - - - -	Seventh grade.
Alma Marcourelle	- - - -	Eighth grade.

When the announcement of these prizes was made in the Salem News and in the Ipswich Chronicle, the writer of the article was moved to make some pertinent observations. Here is what he said:

“Although the percentage of children of native born parents is considerable greater than those of foreign born in our public schools, nevertheless among the five winners of the school handwriting contest, there cannot be found a strictly native or English name.

Instead three of the five winners are Polish and two are French. The Polish pupils, especially, are deserving of great credit, as the people of that nationality were the latest arrivals here.

Under the same educational system the pupils who are under a handicap, outclassed the strictly English speaking pupils. The reason for this must be the pupils themselves, as all are instructed by the same teachers and under the same system.

If the children of non-English speaking parents maintain the same stride in the future that they have in the past it will not be long before the nat-

ive parents can boast of their Colonial ancestry while the foreign born parents can boast of the fact that their children have carried off all the honors."

There is at least one substantial fact made clear in the above without very much reading between the lines. One that should please both the true American and the immigrant alike;—and that is that our schools are fulfilling their mission, and doing their full part in the building of a real democracy.

Another fact, not so apparent to all, may be found there also. Why do the children of the emigrant excel to such an extent in this matter of penmanship. It is because they are taught to obey. Obedience with them, as it once was with us, is held as a cardinal virtue, and it bears fruit that is both pleasing and profitable. All the pupils are told to maintain a certain position and to execute certain, prescribed movements. Some obey these instructions, but, others do not. But these last win no prizes.

It is needless to say that Mrs. Smith was appointed Supervisor of penmanship last September, and is doing exceptionally good work.

DOMESTIC SCIENCE DEPARTMENT.

This department is not receiving the consideration from the pupils of the upper grades that its importance in the scheme of living positively demands. Incapacity and unpreparedness are getting to be national characteristics, and their evil consequences are to be seen on every hand. Modern social and industrial conditions have wrought tremendous changes in our national life, and unrest and unhappiness were never more threatening than they are today. In the homes and the home-

life of our nation these changes have been very noticeable. The old-time home has lost its prestige and some of its functions have been shifted over to the school as its best possible ally.

The school may be able to do the mechanical and theoretical part of this work, and do it well. But the real home training for the whole girl, the sympathetic, motherly counsel and advice, and the thousand and one sweet home influences, — these belong to the home, and the school can never supply them.

Nevertheless, the school, if permitted, can do a great deal towards fitting our girls to become the home-makers of the future. The amount of such training depends at present very largely upon the volition of the pupil. Upon admission to the senior high school this subject becomes an elective, and I wish that more of our pupils in this school would include it in their course. In fact, I feel that it should be made a required subject until the junior year. Even if it should be extended to the completion of the last year in the high school, such pupils would lose nothing by devoting the longer time to this work. All of us fully realize that they would be better prepared to enter upon the duties of life than are those who pursue other standard courses.

The ability to make and care for one's clothing, with an equal emphasis upon the choice and suitability of the material in reference to appearance and serviceability, to select and prepare the ordinary articles of food with reference to healthful and economic living, should be considered an accomplishment of unquestioned utility. And in these days of reckless extravagance and wastefulness it is as necessary as it is useful. When you can add to these qualifications the further ability to make the home mean all that it should stand for, our pupils will find ample scope for all their aspirations. Let it be understood that this course is capable of unlimited expansion and holds out oppor-

tunities for the fullest development of both mind and heart. Unless more of the high school pupils elect this course in the near future, I feel that the school authorities should increase its compulsory features. It is a matter of too much importance to the community and to the nation to be allowed to depreciate or to fall into disuse.

The State compels the study of United States history during the last two years of the high school course in order to develope the spirit of patriotism. Why should not the upbuilding of the home then, upon which all patriotism is built, have equal recognition.

In this department too, as well as in others, we have tried to keep the idea of service as a motive and purpose of this instruction. Here it finds a larger field of usefulness than is offered by most any other subject. and it is thoroughly practical.

A standing invitation is extended to every one to bring to the school all kinds of fruits and vegetables in their season, for canning or preserving. All that we ask is that you supply all the needed material so that the school may be to no expense. Quantities of material have been brought in and the pupils have done the work in a very satisfactory manner — not only for the home, but for the Hospital as well.

We are very glad to co-operate with any organization which has for its object the relief of the sick or the needy, and this applies to the making of garments and underwear as well as to the preparation of food. We wish to convince our people of the real practical value of this work and hope for your co-operation in making it of larger usefulness.

MANUAL TRAINING DEPARTMENT.

The same steady progress has been maintained in this de-

partment during the past year as has been so noticeable since Mr. Arthur Gould was put in charge. The same inflexible but kindly dealings with each individual pupil is showing very perceptibly in the work and conduct of every one of them, and all are taking hold of the work with a greater enthusiasm than ever before. They are becoming better acquainted with the use of both material and tools, and are acquiring quite a little skill in workmanship.

Mr. Gould is very painstaking in his efforts to give all possible information in reference to the various projects undertaken by these boys and they have all confidence in his judgment, as well as in his ability and skill as a superior workman. It is of the greatest advantage to the pupils in any course of study to have the teacher capable and skillful enough to re-enforce his theories by finished products and models of his own workmanship, illustrative of the work in hand; and this Mr. Gould is exceptionally well qualified to do. As a result the pupils emulate his example, and put forth their very best efforts to have their own work approach his as nearly as possible and the results achieved are highly satisfactory. Every finished work that is well done encourages to better and more advanced work for the future. Every encouragement is offered to those whose work is satisfactory to undertake those projects in which the pupil has a personal interest. All that is required of the pupil is that he pay for the material used. The practical assistance and advice are freely given both in season and out and we have yet to learn of the first instance in which Mr. Gould has not met his pupil more than half way.

Another feature of the work of this department is its special, if not total, leaning towards articles to be used in the home. One boy makes a table for his mother; another, a box for a shoe-blacking outfit for his father; another, a checker board for the use of the whole family. And so it goes from coathangers and ironing

boards to skis and dog houses — each having a sentimental value with a distinct trend toward the home and family. I wish that all the departments of our schools could lend themselves so readily to this closer co-ordination of the school and the home as do the Manual training and the Domestic science, but they do not. These two are fundamental and blend naturally with the life of the pupil's own home.

I should not leave this topic without making some reference to the *quality* of the work done here. It is all hand-made, and with an exactness that approaches severity. When completed, the pupil takes a real pride in his work, and feels repaid for his effort — a reward that poor and indifferent work never brings.

Then, too, the training in habits of promptness, and in neatness, which the boys in this department receive is bound to be reflected in character later on. The boy, who is persistently trained to have his work prepared on time, will acquire the habit of being prompt and dependable. If we can turn out one good-sized class of boys each year with these characters firmly established, this community will be greatly blessed by such an addition to its citizenship. And let me say that this is precisely what we are attempting to do here.

I regret that more of our high school boys are not more interested in this course. What has been said in the Domestic science department in reference to this point will apply with equal force here. Too few are carrying their work far enough to get that enjoyment which comes with conscious ability and skill.

RURAL SCHOOLS.

Of these we have but two, one at Linebrook and the other at Candlewood. Were the school populations at Ipswich Village

and at Willowdale a little larger, I would strongly recommend the establishment of schools in these districts; under present conditions such a step would not be warranted, but for the good of all concerned let us hope that more favorable circumstances will intervene and bring about this desired end.

I am not opposed to consolidating our school population within certain limits. Where the pupils are old enough and the distance is not too great, consolidation is the very best plan possible. But for children of tender years and where the distance is four or five miles, transportation should not be insisted upon. It is a hardship on the mothers as well as upon the children to be separated so long with the dread of accidents constantly before them.

Both of these schools are maintaining their attendance, and both rooms are filled nearly to capacity. Miss Cunningham has been at the Candlewood School since its opening three years ago, and is doing her work to the satisfaction of all concerned. Her pupils take rank with the corresponding grades in the town schools, and find no difficulty in doing the work of the classes to which they are transferred. The school has an atmosphere of home about it and fills an important place in the activities of that community.

Miss Joyce, who formerly taught in the Linebrook School, was transferred to the second grade in the Burley at the beginning of the school year in September, and Miss Susan E. Lycett was chosen to take the place thus made vacant. Miss Lycett has had some experience with rural school work, and the town was fortunate in securing her services. She has one handicap not found in the Candlewood School and that is the frequent changes among the pupils. Not a few of these are minor State wards and are changed from place to place as necessity or advantage may dictate. For this reason we always endeavor to place a good, strong teacher in this district, and in this instance, at least,

we feel that we have been successful.

Both of these schools have the same supervision as do the schools in the central part of the Town. The supervisor of manual training, for obvious reasons, does not include these in his list; neither does the supervisor of cooking undertake such work, as that would be practically impossible, and these children have less need of such instruction. But the teachers of drawing, sewing, music and penmanship, together with the School Nurse, visit these schools about once a month when weather conditions permit. The facilities of the Public Library are open to them and selected books are sent along with the supervisor when she visits the schools.

The school will be as good as the teacher; and with good, conscientious teachers in these rural schools, with equal advantages of supervision, I see no reason why they should not measure up to the standard of other schools. The trouble in the past has been that the rural school has been intrusted to guidance of some one who accepted the position solely for the experience to be thus gained, and results, though disastrous, should not have been disappointing. We reap what we sow as a rule.

But this is all being changed very rapidly. Commissioners of education, both state and national, view with no small concern the decline of the rural districts. They are beginning to realize the extent of this movement and are using all possible efforts to restore these communities to their former position as dependable sources of the best manhood of the nation. They feel that here is one of the best potential assets of the country and they are making use of some very comprehensive programs in the work of rebuilding these localities. The whole idea is founded upon the true and fundamental principles of a real democracy where every boy and every girl shall have an equal opportunity for educational advantages in fact as well as in name.

The State of Maine is taking an active part in this undertaking. Only the best of her normal school graduates are selected for this work. They are then given an additional year's training free of expense and are set to work with a salary twenty-five per cent above that paid to the grade teachers of the city schools. This method will attract the brightest minds to these schools, and their work will be of the greatest value to these communities and to the nation itself.

There are several economic features involved in this movement that may be considered fully as important as its educational phases. But this is sufficient to indicate the modern tendency and scope of educational effort.

PENNY SAVINGS.

The pupils of our schools did not escape the epidemic of extravagance that has swept over the country during the last two years. Wages have been abnormally high and too many of our children have been allowed to spend their money foolishly and recklessly. The same methods of collection have been employed as in former years; the teachers have made the same urgent appeals; they have tried in every way to develop the habit of thrift and the spirit of patriotism. But in spite of every effort our collections are much below those of two or three years ago.

Doubtless the scarcity of work for the last six months may be pleaded as an excuse for this showing, and possibly, too, the hard, bitter lesson that experience is now teaching us may have a compensating and practical value. Still our school children are not getting the requisite understanding of this important matter that will enable them to make intelligent use of all money and to get an early start towards financial independence and success. This is primarily the function of the home; but the

school of today is trying to do a larger service in an all-round training of our youth, and with the fullest co-operation of the parents the larger success will be assured.

It may be of interest to know that of the 510,000 children registered in the public schools of New England, 130,000, about 1-4 of them, *invested* \$1,050,000 in Thrift and War Saving Stamps during the school year of 1919-1920. That is, each child for whom investment returns were made, invested something over \$8.00; and the per capita saving for the total registration was \$2.06.

Thrift is a permanent part of our educational program, and is fully justified from every point of view to the position assigned to it.

Mr. Geo. W. Tozer, who has charge of the collections and disbursements, makes the following report:

Thrift Stamps sold	\$242.50
Amount deposited in Savings Bank	\$146.44
New Bank Books Opened	60

This by no means represents the actual amount of savings, as many of our pupils buy Thrift and War Savings Stamps from other sources, and attend to their own Savings Bank deposits after the Bank Book is once taken out. Our purpose is not so much to make a large showing, as it is to fix and establish in the minds of our pupils these habits of economy and thrift that their lives may be lived upon more rational and self-respecting lines.

FIELD DAY.

Owing to unfavorable weather conditions these exercises

were repeatedly postponed until it became so late that we doubted if we should be able to have them at all. To add to the difficulty occasioned by this uncertainty, the friends of the movement who were to make contributions of cake for the sales table were obliged to renew their preparations so frequently that the committee in charge feared a shortage in this commodity and a corresponding falling off in receipts. But nothing of the kind occurred. A bright afternoon succeeding a threatening morning finally came; notices were quickly circulated; everything was gotten into shape in record time; and Prof. Hermann called the first number of the program on schedule time.

The exercises were simply a repetition of the work done in the schools, and consisted of in-door games, setting-up exercises, relay races, folk dances, and competition athletic stunts. Judges were selected from the ranks of the business men of the town who were known to have a decided interest in athletic sports and games, and prizes were awarded impartially and to the complete satisfaction of all interested parties. My personal thanks are due to each member of these committees for the time they gave to the work, and for the fair and equitable manner in which their several duties were discharged.

The attendance was the largest we have ever had on these occasions and all seemed to enjoy every number of the program. Let me say right here that our Physical Director is a man of national reputation and stands second to none in this line of work. Our young people are extremely fortunate in having such leadership. Success was not confined to the exercises of the field by any means, but flowed over to the sales tables and booths, where everything was disposed of before the last number of the program was called, and netted a return of \$120.54.

It is my desire that everyone should understand how and for what purpose this money was obtained. The whole matter is placed in the hands of Mrs. Harry K. Damon and Mrs. M. C.

McGinley, who, through special committees, canvassed the town for contributions of cake, pies, etc. to be sold on the grounds, and the money to be used expressly and solely for beautifying the school grounds on Central St. Mrs. Damon is made trustee of the funds and has deposited the money in the National Bank. When this coming season opens, the money will be used for the purpose aforesaid, and a strict account of receipts and expenditures will be rendered each year.

I cannot sufficiently express my gratitude to these two ladies and to their committees, and to the good people of the town, also, for the efficient and successful manner in which every detail of this program was carried out. Under such leadership and co-operation there can be no failure.

TEACHERS AND SALARIES.

During the year our schools have suffered the usual amount of change in our teaching force, and this was due to the same general causes — higher salaries, sickness, and matrimony. Miss Anderson, Mrs. Cushman, Miss Sanby, and Miss Silva, resigned last June to obtain larger salaries or to be nearer their respective homes; Mrs. Fisher, Miss Nason and Miss Bell were obliged to do so by reason of failing health; and Miss Caldwell, Miss Webster and Miss Wood, to become home-makers. Without exception these were all good teachers, and possessed that type of character, those fine qualities of mind and heart, which made their teaching most effective. Some of them had remarkable ability in special lines of work; and the fact that not a few of our backward and discouraged boys and girls are still pursuing their work in school, is due in no small degree to the power and efforts of these devoted workers. More than one boys feet have been turned into the right path, and we feel sure that these,

at least, will always reserve a warm place in their hearts for their old teachers.

We cannot speak too highly of the loyalty and the unselfish devotion which they gave to the work of our schools. The influence of their example lives in our school today and will endure long after their names are forgotten. We sincerely wish them the largest measure of success and happiness in their several callings, and venture the hope that their experience in Ipswich schools may always remain as a pleasant memory.

But let it not be inferred that all my commendations go with the "departing guests". I trust we may find some measure of praise for the true and tried and faithful ones that remain with us still. And this whole situation has been so fully comprehended and so well expressed in an article which may be found in the January number of Scribner's Magazine of the present year, that I shall make bold to incorporate certain portions of it in this report.

"The simple fact is that the schools, both country and city, still contain many teachers, who, from pride, loyalty, belief in their work, and the satisfaction of doing what they can for their country, are above any pecuniary motive whatever. Many of them are of middle age, some near the age of retirement, but it is not too much to say that they are the backbone of the teaching force to-day. They have high ideals, strong character, force, experience, and that wider outlook on life and humanity which comes only with mature years".

"A pretty exalted opinion of the rank and file of the teaching profession" you may say. But it is for the rank and file, and it is for the "old guard" that has stood against the assaults of both tradition and theory, who have selected the best from each, and have kept the faith; who love their work for the work's sake, who recognize the possibilities in every child, and who can and do build character and dependable citizenship upon the

somewhat unstable foundations of heredity or environment.

Ipswich is to be congratulated that she has such a large proportion of teachers of this type. They have had a good preparation, and from a love of their work, and long experience, have gained confidence in their ability and in their methods and achieve most gratifying results. They are more progressive than some of the younger teachers, and keep fully abreast with the best in educational progress. The younger teachers, too, look to them for leadership and are greatly benefited by their counsel. On the whole I feel that from every point of view our teaching force to-day is the best that we have ever had; and for the good of the schools and the best interests of the community, I sincerely hope that the present organization may be maintained.

But in order to secure this end, we must consider every phrase of this perennial problem. In this material age, salary holds first place. But salary alone will not bring order out of chaos. This has been conclusively proven by recent experiences in industrial lines. Production did not increase either in quantity or quality in the same ratio as the increase in wages. In fact, the very reverse of this is the painful fact. So even here there is need of proceeding cautiously and not allow ourselves to be swept off our feet by any hysteria or propaganda, no matter how wide-spread and universal it may be.

There are teachers and teachers; some work for place and money, and have little regard for the proper training of those under their charge. They dimly comprehend the exalted nature of their calling, nor esteem their high privilege in the universal effort of lifting the world to a higher plane. To increase the salary of such as these will aggravate a situation that is already too sensitive, and will fasten upon the great teaching body an element that is unprofessional and undesirable.

But let us take heart; the time-clock teacher is being elim-

inated; and by steadfastly holding to our ideals her class will soon become negligible.

But those of the opposite type — those who from sincere and innate love of children, make sacrifices of both time and money for the sake of the larger preparation for their life-work, and who put their very soul into that work and bring life and health and happiness to thousands that come under their instruction and influence — can salary *alone* fully compensate them? It cannot; they are deserving of more than money. These teachers, too, are perhaps rare and exceptional; but they furnish the ideals to which every teacher should aspire.

The workman is worthy of his hire, and so long as he gives an equivalent for amount received, neither party can complain. The good teacher is above price; and while salary alone will do much towards reconciling these inequalities, it can never completely bridge the chasm between the highest public service and public indifference. The horizontal raising of salaries has not so far been satisfactory. The pecuniary reward of the teacher, when compared to the wages received by industrial workers with far less ability and intelligence than the teacher possesses, from the very nature of things, is bound to be meager indeed. The trouble lies in these great inequalities; one receives both salary and recognition; the other, too little of either. And so it would seem, to quote further from the article mentioned before, that, "The true remedy lies much deeper than anything which has yet been proposed. It lies in such genuine appreciation of the importance of the work to the State as will lead to its being placed on a higher plane of honor and dignity than it has ever held. The true approach to national unity is through the public schools. The dignity and worth of education can be demonstrated only by those who are themselves dignified and worthy, by those who feel that they have the support and respect of enlightened public opinion."

"Teachers know the worth of their calling; they would like more evidence that the public really feels that worth. They would like to see the public show its appreciation of the power of education in a democracy by sending its sons and daughters to the normal schools and colleges for teachers. They would like to see the most ambitious and high-minded young men and young women eager to take up a vocation so honored as teaching should be; so that the teacher might speak with authority, and associate on terms of perfect equality with the best educated and the most intelligent people and beheld in the same high regard. The time is ripe for just such a revolution. It must be an orderly but a fundamental change".

Let us hope that this community will give immediate recognition to those teachers who, through a long term of service, have given indisputable evidence of high and noble purpose and genuine worth. We have many of them, and we wish to keep them.

IN GENERAL.

The task of administering the affairs of the schools of to-day is larger and more complex than ever before. The extreme classification in nearly all lines of industrial activities and the highly specialized work in all departments of human effort have brought to the serious attention of school officials everywhere, a multitude of problems whose significance has never been equaled, and whose consideration demands the highest type of intelligence and ability. When you add to this the enlarged scope and vision of modern educational effort growing out of the recognition of individual differences in pupils, and their absolute right to a common share in the advantages and benefits of public school instruction, you will understand why the work

of the schools has become more specialized, and why the problems confronting school officials are more intricate and pressing than ever before. And then, too, the noble purpose which permeates the whole organized endeavor to give to each individual, without distinction of class, such particular and all-round training as will secure for him, through service, the respect of his fellowmen and his own happiness, brings an element of deepest concern and responsibility which these officials cannot escape or evade.

These are all general problems, common in their application to all communities. But there are local ones as well that are more insistent in their demands, and upon whose wise and intelligent solutions the vitality and progress of the community absolutely depend.

And so it will be seen that in order to secure and maintain the greatest efficiency in the educational and morale uplift and influence in the schools, and in the community as well, it is absolutely necessary that we have the fullest and most hearty co-operation of every up-standing, broad minded, intelligent citizen of our town; and his or her true value as a citizen will be in direct ratio as his efforts and influence are employed to this end.

Our teachers are working hard. Most of them are working overtime, and with little or no thought of reward, pecuniary or otherwise. But they deserve it and should have it. And so if your child has been taught to read in three months time, as most of them are, a word of appreciation, it should be gratitude, would greatly encourage them, and establish them in the thought that their work was being appreciated and might be, after all, fully worth-while.

And so it is throughout the whole range of our school activities. Our teachers are trying to impress upon the minds of our young people the supreme value of their present opportunities and to have a more sober and serious-minded view of

their possibilities in life. I feel that they are doing more in this respect at the present time than they have ever been able to accomplish before. A fuller recognition of this effort by the parents, and the closest kind of co-operation between them and the teachers, will do much towards starting the boy on the right road to a larger usefulness. I feel very strongly in reference to this point, for failure here is nearly always attended by the most disastrous consequences. We seldom realize it until after the door of opportunity is shut.

I have in mind at this moment the case of fully a half-dozen boys, who, having started upon the commercial course, expressed a desire later on to change to the college course that they might pursue their studies beyond the high school. In every case where the change was permitted, these boys lost from one to two years time; the others, by reason of the time already spent in school, felt obliged to graduate with their class, and, in all probability, will never reach their desired goal.

Two others I have in mind whose entire college expenses would have been met by interested friends had these boys been prepared to enter college upon graduation from the high school. But they had not taken the college course, and their educational career ended right there: Such a record makes shameful reading; and it is entitlen to a place in the catalog of high crimes and misdemeanors. But the sorrowful part of it, the extremely regrettable part of it, is that it was wholly preventable.

"For of all sad words of tongue or pen,
The saddest are these, it might have been."

May I ask then, in view of these facts, that when the cards upon which the choice of course is to be indicated are again sent home, that the parents, both if possible, come to the school and after full consultation with the principal, make deliberate choice of that course which offers the largest possibilities within the pupil's intellectual reach. Under no consideration should

a matter of such vital importance be left to the impulse, the whim, or the caprice of a mere child.

In order to forestall and prevent as far as possible any repetition of such unsavory occurrences, the study of algebra was made compulsory with the entire freshman class last September. This will strengthen the mathematic courses, enable pupils who desire to change courses, to do so with least expense of time, and, we hope, greatly increase the number of those who are preparing for college.

To relieve the supposed financial difficulties which beset the path of the worthy student about to enter college it is proposed to establish an Alumni Fund, whose upkeep should be considered a major activity of the school, and whose management should be under the special care and control of representatives chosen from the membership of all graduate classes. This movement should be productive of much good over and above the contemplated assistance to deserving students. This Alumni Association needs some such worthy object as an incentive to promote its own development and to strengthen its organization. It would aid materially in building up a fine school spirit, and become an increasing power in leadership and community improvement. It would have large possibilities in many useful and necessary undertakings, and I hope soon to be able to announce that this tentative plan has at last become an accomplished fact.

Right here I should like to make use of a paragraph that has recently come to my notice, that I may convince some parents of the larger opportunity that comes to the college-trained man.

"The man who graduates with high scholastic honors, instead of being unfitted for success by his extra "book-learning" is about seven times as likely to become a distinguished man as the "all-round men" taking their diplomas with him. As compared with the average college student his chances are 20 to 1;

compared with the average high-school student 200 to 1.; and with those having only a common school education 5000 to 1. In this age of mind, as never before, Knowledge is Power, and the man who *knows* is the man who *leads*."

"To the lazy and self-indulgent, to social dudes and overgrown children, to all who long to study less and play more, the old theory was as fascinating as poisoned candy in a kindergarten. It not only excused the neglect of duty but crowned the loafer as a man of far-seeing wisdom."

"The truth is that those who out-strip their indolent or brainless competitors in school or college continue to do so when school days are over, and to win high scholarship honors in a first-class college is almost a guarantee of success in life."

I am pleased to say that there is a very noticeable change in the attitude of our pupils towards their work; and, if nothing unforeseen happens meanwhile, we shall send one of the youngest graduates from our high school to Harvard College next fall.

Plans for a lecture course have been under consideration for some time; but owing to the engagements of the speakers for the early part of the season, the matter was postponed. These lectures are under the auspices of the school and are managed directly by a committee of teachers. The lecturers are men of national reputation and are deserving of full houses. We trust that our people will respond generously as the net proceeds are to be turned into the Alumni Fund already mentioned.

The entertainment or amusement feature of our school work has not been overlooked, as most of our high-school pupils will gladly testify. Heretofore the popular dance was too much in evidence, and some of the pupils held to the idea that it was the only source of rational enjoyment. But that illusion has been dispelled. Principal Whipple and his teachers have provided some of the most enjoyable and common-sensed entertainments

that we have ever had, both for the school as a whole and for the individual classes. In every instance an abundance of clean, wholesome fun was provided, and the avidity with which it was enjoyed was a pleasure to behold. The "County Fair", with every feature and attraction of the original reduced to miniature, will remain in the memory of these young people long after the school-room door is closed for the last time. I feel that our young people are beginning to realize that there is no enjoyment like that which is well earned, and that good, clean, wholesome fun is better, by far, than any other kind.

There have been some complaints in reference to "staying after school." There are but two situations from which this condition can possibly arise; - one, where the pupil remains to get help; the other, where he is compelled to do so in order to make up his work, or to pay the penalty of misconduct. One is voluntary, the other involuntary; but neither could be forbidden without resulting in injury to both the pupil and the school. Assignments of lessons are reasonable, in the main, and are fitted to the average capacity or ability of the class. Some pupils "get" their lesson in one-half the time, or less, than some others in the same class; some need to do no home work, others need to do much of it. But this is no disparagement of the plodder if he is in earnest. He may have the higher "intelligence quotient" and become the more successful man.

The trouble lies, in some degree, in the traditional method of grading, and under that method results have been all that could be reasonably expected. Mr. Whipple and myself are planning to "try out" some of the standard test for intelligence measurements, and possibly we may find something here that will give us the basis for a more rational method of grading and so relieve the situation.

So many of our younger pupils leave school to attend the commercial schools of Salem or Lynn that I feel in duty bound

to call this matter to the attention of the parents of such pupils. Let me say at the outset that I have nothing but words of commendation for both the schools themselves and for the corps of excellent teachers in each of them. They have a well deserved reputation for square dealing and successful accomplishment, and I would not, even were it within my power, for any consideration, attempt the slightest detraction from the high standards which they have so successfully maintained. I am on the most friendly terms with each, and recommend our graduate pupils to attend these schools.

Were all such pupils full-fledged graduates of our high school there would be no occasion for this paragraph. But they are not, and most of them lack the educational background necessary to secure the largest benefits of these schools. In too many cases, I am led to believe that the whim of the pupil himself dictates such a procedure, expensive both to himself and to his parents.

This department of our high school is well equipped and solicits for its senior pupils such clerical work as our business men are willing to intrust to the care of the school. Pupils will be sent to the offices or place of business of such persons upon application to the Principal, and the stenographer's notes their made will be taken to the school and typewritten. A pledge of secrecy is given, and the work will be done in a satisfactory manner, free of all charges except for stationery used. The purpose is to give these pupils the benefit of practical office work, along with the theory.

In closing this section I wish to remind the people of the town that the schools are a vital and inseparable part of the community, and are affiliated with all the activities and agencies that make for the educational, social, and moral uplift of all, without distinction of race or creed. It is the one great source of democracy where each and all may receive equal advantages

and assistance freely and in full measure. Its doors are always open, and no one who enters in the right spirit will be denied.

I have repeated this statement in the interest of those people who are temporarily out of work, and we desire to make use of this opportunity for self-improvement. A few have availed themselves of the privilege but there are many others, especially among our young people, who should do likewise. It may mean a great deal to not a few of them and furnish the turning point in their lives. Places may be found in many of the regular classes, and I feel that their time could not be more profitably employed. The Principal will arrange the best possible schedule to suit their convenience and by earnest effort and application they will secure some knowledge that will be of great value. May we not see many more seeking that help which the school is abundantly able and willing to give?

BUDGET.

The budget may be considered as the resultant of two forces, — the welfare of the schools on the one hand and the well-being of the taxpayer on the other. Any injustice shown in the consideration of either party is bound to be reflected in the un settlement of those equitable and harmonious relations which should always exist between every department of service and the general public.

At best and under normal conditions, this is a difficult task, but when confusion reigns, and when the best of minds confess to an inability to gauge the situation correctly, then it is that budget-making is no pastime.

The same condition of uncertainty surrounds us at the present time as in the past two or three years. We have repeated the statement " that the peak of high prices has been reached " so many times only to be disappointed, that we have gone over to the other horn of the dilemma and declare that the salary of good teachers — and we want no others — is still climbing and that we have the greatest difficulty in securing them at going prices.

More than this our teachers did not receive, except in a few cases, the average salaries paid in other places, and are fully entitled to some consideration this year. We do want to retain the present organization if a possible thing, and have therefore asked for an increased appropriation.

BUDGET. (*Continued*)

General Expenses	\$ 4625.
Teachers' Salaries	51000.
Evening School	500.
Textbooks and Supplies	2000.
Paper and Blank-books	1000.
Drawing Material	100.
Manual Training	200.
Domestic Science	250.
All Other	600.
Tuition	125.
Transportation	3100.
Janitors	3300.
Fuel and Light	4000.
Buildings and grounds	1125.
Furniture	50.
Insurance	650.
Diplomas and Graduations	100.
	<hr/>
	\$ 7275.

Returns.

From the State:

On salaries of 34 teachers at \$200.	6800.
" " " 5 " " 150.	750.
" " " Part time teachers	220.
Minor State wards	200.
Tuition, Beverly Industrial School	125.
<hr/>	
Tuition, Town of Rowley	3400.
	<hr/>
	\$ 11495
Net	----- \$ 61230

About \$1000 of this amount will be needed to liquidate unpaid bills of last year.

The several amounts of the return items are estimates based upon data from the most reliable sources obtainable. If a bill for doubling the apportionment from the School and Bank Tax Funds becomes a law, this item will be more than doubled, and will in itself exceed the total returns of this year by \$2000.

The number of pupils from Rowley will doubtless be considerably larger another year, and this item also will show quite an increase. The amount coming from Minor State wards may be smaller than the estimate, but it will be so small as to be considered a negligible quantity. The net amount therefore that will be used in the actual running of our schools will not be excessive.

Whatever the outcome of all these bewildering conditions may be, I trust that the general confidence in the ability and integrity of your school officials will assure the good people of our town that no single dollar of the appropriation will be needlessly expended.

ACKNOWLEDGMENTS.

On behalf of the schools we wish to make acknowledgment of the many favors in the form of gifts and service received during the past year.

In the early summer Rev. Robert B. Parker presented the High School four large steel engravings. These were already framed and so were hung at once. They have added much to the attractiveness and home-like appearance of the rooms, and show in striking contrast with the bare walls which they adorn. Pictures are something more than ornaments. They exert an influence in the development of a refined taste which cannot be easily measured. These certainly were a very valuable gift.

Then, too, our old contributor, Mr. J. A. Huckins, presented

a valuable book to the Junior High School. Our thanks are also due this gentleman for favors and various services rendered on many occasions. His continued personal interest in the appearance of the school grounds is beginning to have a noticeable effect. The shrubbery and hedges are thriving better than ever before, and in the course of a few more years will become thoroughly established. The winter coverings of leaves which Mr Huckins has so generously supplied are largely to be credited for this result. We have not lost a single mountain laurel shrub in the last two years, though these winters were unusually severe.

But the largest and most valuable service is to be noted in connection with placing the danger signals in the neighborhood of the school yards. A little thing in itself perhaps, but attended with tremendous possibilities in view of the hundreds of automobile accidents that are brought to our notice almost every day. The mothers, at least, will appreciate this effort to prevent accidents to their children.

For the last two or three years a dental clinic has been maintained at the Cable Memorial Hospital for the benefit of the children of the town. This is one of the departments of the Ipswich welfare work that is being done here and is under the charge of the local dentists.

This work, while almost wholly for the benefit of the school children, has been of no expense whatever to our department, and no word of commendation, so far as my knowledge goes, has ever been tendered to these men for whose generous service we are greatly indebted. To Dr F. W. Kves, the dean of the faculty, especially should our thanks be extended, and to Dr. Ernest J. Smith, his efficient collaborer, as well, Dr. Charles D. Broe is a recent addition to the staff but is doing his share in a necessary work which we shall more fully appreciate as we become more acquainted with the closer relation of good, sound

teeth and bodily and mental health.

To all these men this acknowledgment, belated and long overdue, comes as a sincere expression of our appreciation of their work and a just regard for the fine spirit which prompts it.

The Chief of Police and his force of men should be regarded in the same generous spirit for the unfailing and continuous assistance which this department has rendered during the past year. Not only by co-operating with the Attendance Officer in keeping the boys in the schools, but in so many other ways has these two departments become so closely correlated that we have come to think of them as one. To Chief Leavett and his men the teachers and officials of the schools tender these expressions of their appreciation.

The Woman's Club has given four sets of scales to be used in weighing the children of the schools. These have been distributed among the smaller schools of the town and save much time and travel in carrying on this important work. A more useful gift could hardly have been selected. By the records of weight and measurements that are now conveniently tabulated, the parents are informed of any physical tendencies that should require the advice of a physician. We feel that the benefits to be derived from this generous gift, both at present and for years to come, demand that our sincere thanks be tendered to the donors.

To my teachers who, by their loyalty, co-operation and devotion, have raised the standards of our schools to their present level, I cannot sufficiently express my thanks. The harmonious and cordial relation of friend to friend that exists among us has been an inspiration and a benediction, and will always remain as a priceless memory. To the School Committee and parents, I extend this token of esteem for their unfailing support and assistance. To all those whose helpfulness in uplifting and promoting the higher standards of right living in this community, I

offer the full measure of gratitude.

Respectfully submitted,

JOSEPH I. HORTON,

Superintendent of Schools.

MANNING HIGH SCHOOL.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

I herewith submit my first report of Manning High School.

In the class of 1920 the following were given diplomas and have found their places as follows:

Name.	Present Employment.
Mabel G. Anthony	Salem Commercial College
Nathaniel Archer	Atlantic & Pacific Corp.
Louis Bean, Jr.	Harvard College
Warren E. Brown	Salem Commercial College
Beatrice Connor	Office, George Hayes
Helen Chapman	Salem Commercial College
Alice M. Davis	At home
Cleola Davis	Beverly High School
Mary Gordon	Boston University

Permilia Gould	Ipswich National Bank
Ellen M. Herlihy	Salem Commercial
Henry Hills	Salem Commercial
Franklin Hulbert	Upland Farms
Barbara James	At home
Elcy Mackinney	At home
Mary Nourse	Post Graduate
Hazel Rogers	Salem Commercial
Rosamond Scahill	At home
Bernard M. Sullivan	Shipyard, Quincy Mass.
Raymond M. Sullivan	Boston College
Bernice Whittier	Essex Agricultural School

It is evident that many of last year's graduates were interested in commercial branches; but few had the courage or preparation to start on definite work. Some are studying now that which they could have learned in Manning High School, others to be sure are taking advantage of their preparation and are doing advanced work.

Only three of the class are actually doing College work. This in itself seems evident that we cannot put too much emphasis on the question of preparation for college. The fact remains, however, that Manning High School is equipped to prepare an earnest hard-working pupil for college. We are just as well equipped to prepare pupils for Normal School, any branch of higher education, and for ordinary office work.

We must realize that many end their formal schooling with the High School graduation. This group of pupils is the least inclined to do good work, failing to have a definite goal for which to work. I believe this lack of interest could be somewhat overcome if the pupil could be given an opportunity to apply his training in actual work. I recommend that seniors in our commercial course be given credit for the hours of actual experience they may be able to acquire as stenographers or book-keepers

in local offices.

We are justified in demanding that a pupil who spends four years in high school shall obtain a preparation for either of the lines of work he may wish to take up. For college he must be able to pass college examinations: for Normal School he must have obtained a rank of 85 or over or pass examinations, and surely we should not graduate a pupil to meet his life work directly unless he has at least as sound a foundation as the pupil going to college.

I find it difficult to lead the pupil to realize that punctuality is the first essential in the accomplishment of any work, and even though the attendance at school during the fall term shows much improvement over the record of last year, I am convinced that very little of the absence is absolutely necessary. Tardiness, although sometimes due to a just cause, is simply an expression of the careless attitude of the pupil. I make an effort to accept a reasonable excuse.

In general I have found the administration of the school a pleasure. I have found a corps of teachers, willing and well qualified for the work given them, ready to enter any move for the best interest of the school. I have found an active interest in all classes and I feel sure that each teacher is definitely requiring the pupil, in so far as is possible, to do his work each day. In order to do this it is necessary to ask the pupils to remain after school and I find teachers remaining every afternoon to help those who need help.

The routine of school work is not far different from last year.

The study hall has been done away with, and all pupils are seated in the rooms of the two lower floors. This saves much time and walking for both teachers and pupils, and also does away with the services of a teacher for the study hall alone.

The program has been divided into six periods rather than seven, allowing more time for each recitation. Each pupil is

given some time for study supervised by the instructor of that particular subject.

Each pupil is required to learn the spelling and definition of ten words each day. This lesson is written by every pupil at the beginning of the afternoon session and requires only five minutes, but we feel that results are beginning to show throughout the school.

A systematic study of grammar is taken in each English class and although such work is taking time from the required work in English we feel that the time is well spent.

All pupils entering the school this year were required to take algebra. I feel that each pupil in high school should have a year's training in algebra as a foundation for any work he may wish to take up.

The pupils, for the most part, are interested in the school and a large proportion is doing creditable work, even though very few are reaching the 90 per cent rank.

Some pupils are doing satisfactory work with almost no outside study but the average pupil cannot expect to prepare for a creditable graduation without some home study. I cannot say how much time a pupil should study at home, but unless the pupil is obtaining a rank of 80 or over he is either failing to apply himself to definite study or he is not prepared for the work he is attempting. The pupil is in school only five hours and forty minutes a day and twenty minutes of that time is given over to relaxation and physical exercise. If necessary I believe the pupil could study at least two hours at home without injury to his health.

I have placed the responsibility largely upon the pupil for I believe we should teach the value of individual responsibility. However, the parent can help definitely and I believe we are justified in asking the co-operation of the parent.

First, to see that the pupil is never allowed to stay out of

school unless absolutely necessary.

Second, to see that the pupil starts to school on time.

Third, to provide a suitable place for home study and set aside a definite time when the pupil may study undisturbed.

Fourth, to visit the school, know the teachers, and understand the conditions under which the pupil works.

Along with the routine of school work the average pupil demands some other interest, and first of all I wish to speak of school athletics as that undoubtedly gives the maximum change from study.

Regular physical exercise is held daily under pupil leadership and no doubt this not only serves the greatest number of pupils as a regular physical exercise but develops leadership and spirit as well.

Foot-ball, at best, serves only a very limited number of boys, and I doubt the personal gain to the boy from foot-ball unless regular practice is held under a qualified coach. In fact I feel that very little value is gained from any school athletics without regular instruction and training. We have, during the fall, had a series of inter-class games in which many took part. We had one interscholastic game with Manchester High, and even though the team played hard and showed the best of sportsmanship we were unable to win from lack of definite training.

The girls entered into basket-ball with much enthusiasm during the fall, but were unable to continue the practice as the weather became unsuitable for outside work. An effort was made to secure a hall, but there seems to be no available place for basket-ball or other indoor athletics.

Hockey seems to be the only opportunity to sport during the winter and, as this is governed wholly by weather conditions, there is little to encourage regular training.

The prospects for baseball are good for I believe the boys realize that first of all they must be representative of the school

in scholarship. A pupil, to represent the school in athletics, must have passed at least three of his studies during the ranking period previous to the period in which he wishes to compete.

The school has undertaken various other activities with the hope of aiding pupils to better adjust themselves in the school and community.

The English Club, under the direction of the English department, has a membership of those who have attained a rank of 90 or over or shown excellence in some special line of English work. The school was represented in the Boston Traveler Short Story contest and we are pleased to say that two of the 125 stories, given honorable mention, were those of Julia Dougherty and Dorothy Shaw. There were 1107 stories submitted from all over New England and we feel just a little pride that the pupils of this school should enter the contest, and make a creditable showing.

During the fall the English Club has given a series of entertainments, including debates, original parts and a play.

The French Club holds regular meetings under the direction of the French teacher, with the hope of aiding the pupils in the speaking of French.

Each member of the school has taken part in some form of speaking exercise during the fall. Some of these exercises have been in the form of declamations, but more have been given as entertainments or lectures.

The school has made general use of the lanterns and slides owned by the town, but in addition we have had three sets of slides loaned by Fogg Museum of Harvard University. These were along lines of Ancient and English History.

Many of these exercises have been public with the hope that parents would come to the school, for I wish the parent to realize that the daily work of the school is public, and if we, as teachers, are to do our best work parents must visit the school

and co-operate with us. I sincerely hope to see the person, interested in each pupil, as a visitor at school before the close of the school year.

In conclusion allow me to express my sincere appreciation and thanks for the helpful co-operation of pupils, teachers, and you as Superintendent of Schools.

Respectfully submitted,

R. C. WHIPPLE.

JUNIOR HIGH SCHOOL.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

This year the work of the Junior High School has gone along with less interruption than in previous years. We are fortunate in having very good teachers but on account of illness there has been considerable absence among them.

Early in the fall, Miss Nason, our Drawing teacher, became ill. Her four periods a week have been willingly taken by the other teachers who occupy the time for extra drill in other subjects.

The Junior High School has again increased in numbers; so much so that we were obliged to make three divisions of the seventh grade in order to accommodate the pupils in any one room. This necessitates our using the hall or dressing room for recitations part of the time. With the use of settees we get along very nicely. With these five classes we were obliged to have the aid of another teacher and Miss Abby Smith came to our assistance.

The attendance throughout the building has been exceptionally fine the last four months. In some rooms it has been very nearly perfect. Tardiness is mostly due to the parents sending their children on errands to the store or Post Office. This is especially the case before school in the morning.

We have tried to lay more stress on three subjects this year, — Oral Composition, Writing and Civics. The work in Oral Composition is conducted in the same manner as was demonstrated at our graduation exercises last June. The class is divided into groups, each group with a leader. The leaders conduct the recitation receiving criticisms of the class and teacher. Each group has a different type of composition every week. This manner of conducting the recitation creates much interest and those reciting take much pride in doing their best. They are very careful of their English as they know they will be criticized; and in return their classmates are very attentive and on the alert every moment.

The improvement in writing under the direction of the supervisor with the effort of pupils and teachers is very gratifying.

Some of our pupils are excellent writers and all are improving. In most cases the regular teachers have persistently urged and demanded good position in all written work. This is the only way by which good writing can be obtained.

In previous years the eighth grades have studied Civil Government and Civics. This year the work in Civics has been

along the line of Community Civics. The amount of civic information that boys and girls need, in general, should be such as to lead to an appreciation of community welfare and of the means by which such welfare may be attained.

It has been the aim of the lessons this year to teach the boys, and girls, that efficient democracy requires a high level of civic intelligence; that apathy is as formidable an enemy to democracy as ignorance; that efficient democracy requires spirit and habit of co-operation; a source of personal responsibility; loyalty to community ideals and a habit of obedience.

The knowledge of the working of the government, — local, state, and national, comes as the logical sequence of a thorough understanding of the responsibilities that these young citizens have in relation to their homes, their school and their community.

The Civic League, as a part of this study, gives the pupils their first insight into Parliamentary law and the manner of conducting a meeting.

Very few children have been promoted into higher classes this last quarter. The few to whom this opportunity has been given are doing very good work and will pass the required standards if they continue in the good work already started.

At the end of the month each teacher in the building is required to submit a summary of the work accomplished during the month. In this way we hope to keep in touch with the work of each grade and each teacher. Teachers of the same grade may consult these outlines to compare work.

We are trying to cover more work in the sixth and seventh grades in Arithmetic, or rather, to do the work more thoroughly, that we may have more time for the advance work of the eighth grade, and a general review of the subject together with the required Business Arithmetic.

The seventh grade pupils are greatly enjoying their new

Geography. The topical method of study is used with much map study. The children bring in outside information from newspapers and magazines.

The teachers who have the Spelling in charge have worked to familiarize their pupils with the dictionary. The words are looked up, their meanings and pronunciations given, and then the words are used in sentences.

Miss Stewart, the school nurse, has been giving, each week, to the seventh and eighth grade Physiology classes, very interesting and useful talks on practical Hygiene. The object of these talks is to instruct the children in the care of their health and impress upon them the habits of right living. Review questions on these lessons are included in the quarterly tests given in Physiology by the regular teacher. Talks suitable to the age of the pupils are given by Miss Stewart each week throughout the grades of the building.

Some two years ago the Junior High School sent a column to the local paper. This was continued for some time, but, with the lack of interest on the part of the pupils, it was dropped. The work has been resumed again this year and for several weeks the eighth grade pupils have furnished a column or more for the paper. The class has elected an editor, an associate editor, and ten secretaries. These officers obtain the material used from the regular school work and from clippings brought in by their classmates.

It is hoped that the interest of the pupils, which is great at present, can be maintained during the year. This kind of work gives them excellent training in the selection of what's worth while, and in the construction of good English.

A new plan of visiting day has been inaugurated in the Winthrop School. It was with some misgivings that we started these parents' afternoons for fear that the friends and parents would not respond to the invitation. But we were very agree-

ably surprised. On the first visiting afternoon held in November we had over fifty visitors. Our second was held on the Thursday before Christmas. Over twenty-five friends came to help their children enjoy their Christmas exercises.

We propose holding these visiting afternoons the last Friday of each month during the school year. All parents and friends are cordially invited. The regular work of the school will be shown, unless, perhaps the day may precede some holiday when appropriate exercises will be held.

Our pupils are expected to do more or less home studying every evening. Special work in some one or two subjects is given each day. Monday evening is the time given to English; Tuesday is allotted to History and Geography; Wednesday to Arithmetic; Thursday to special studies; and Friday to Physiology and Civics. Occasionally a parent reports that his child gets no home work. If such is the case the child is deceiving his parents, and will, no doubt, fail promotion.

Our club work has been growing less since the close of the war. Three clubs were organized this year, — the poultry, canning, and bread-making clubs. Early in the year Miss Norris, the State leader, and Mr. Bergstrom, the county leader, organized a bread-making club. This club held an exhibition in May and three of the girls were awarded prizes, — Evelyn Webber, Natalie Brown and Elizabeth Bruce. The poultry club is quite large and is still doing good work. Mr. Bergstrom has made several visits to encourage the members, and Mr. Nodine of the Essex Agricultural School has given talks illustrated by stereopticon pictures. In connection with the club, Rev. Mr. Ward has very kindly given two very interesting addresses before the school on Poultry Keeping.

Late in October the canning club held an exhibition, while some of the members had not completed the required work, those who did, had an excellent exhibit. The first prize

was awarded to Margaret Phelan; the second to Ruth Denningham; and the third to Marjorie Gillis.

On December twenty-first, in Manning Hall, the Junior High School held its Forefathers' Entertainment of songs, drills and dialogues. The attendance was very good and we are grateful to those parents and friends who came out to encourage the children. The eighth grade pupils who gave the entertainment, with the help of the seventh grade singing, have shown a wonderful spirit of helpfulness and co-operation. A rehearsal was held one afternoon when school had closed on account of a heavy rainstorm. Not a pupil absented himself that afternoon. This kind of school spirit is very gratifying to the teachers and makes the work with the children a great pleasure.

Many of the pupils, who entertained, spoke for the first time in public. Every member of the eighth grade had some part in the program.

Physical Training, including setting-up-drills, supervised play and folk dancing, has been faithfully carried out by the teachers under the direction of the supervisor. Competitive setting-up-drills between boys and girls are occasionally held. The pupils try hard to excel in this work.

The boys of the Junior High School, with foot-ball, base-ball, dodge-ball, and other games, always find some healthful enjoyment. Many of the boys belong to the "Boy Scouts." There are no games or club work in which the girls are especially interested so they have been anxious to form a club of some kind. Acting on Mr. Horton's suggestion, we are organizing a troop of "Girl Scouts." We have several teachers who are willing to lead the girls. The meetings will be held in the school building with one of the teachers as leader. In this way they will be under the control of the school, a part of the school. Where all the girls may take part in this work the movement should help toward the moral and physical betterment of the

children and of the school.

The teachers of the Junior High School have, this year, aimed not only to train the children thoroughly in the means of acquiring knowledge and expressing it; but also to open the world to the mind of the children by information drawn from many fields of human activity, and to acquaint them with some of their duties and privileges as citizens and as members of society.

Respectfully submitted,

KATHARINE F. SULLIVAN

Department of Medical Inspection and Hygiene.

Report of the School Physician.

To the Superintendent of Schools,

Ipswich, Mass.

Dear Sir:—

While the object of this report is to present to you as briefly and as clearly as may be the facts pertaining to the work performed by this department together with certain pertinent deductions therefrom, it has the further object of trying to make them plain to the average reader.

It is to be regretted that the average person does not take the trouble to read town departmental reports, and it is therefore not to be expected that this report will be read to any great extent. That fact, however, does not excuse one from trying to make the report as comprehensive as possible; and in order to give it a foundation, the synopsis recently submitted to you from this department in answer to inquiries from schools in other towns regarding what Ipswich is doing in educational health work, is herewith given:

CONSTRUCTIVE HEALTH WORK.

What the Ipswich Public Schools are doing along the lines of medical and sanitary inspection, general hygiene and physical training.

By whom the work is done, under the direction of the Superintendent of Schools:

1. The School Physician examines all pupils annually and makes records of each on a form that provides a complete health history from the first grade to the last year in the High School; inspects all schools each term, makes visits for special examinations and diagnosis, when called upon by the teachers, the school nurse, or the Superintendent of Schools; inspects the sanitary conditions of buildings and grounds, and acts as an advisor to the Superintendent of Schools, and the School Committee; examines pupils for industrial certificates.

2. The School Nurse assists the school physician at all examinations, keeps all records of the same, makes a daily inspection of pupils, gives daily instruction in hygiene through health talks in the various schools, co-operates with the attendance officer in cases of absence, makes home visits to children absent because of sickness, keeps a record of all contagious diseases and co-operates with the Health Department regarding the exclusion from school of such cases; gives first aid and treatment in minor injuries and sends notice to parents of conditions revealed by

the examinations, which may require medical advice; takes children to dental and other clinics.

3. The Physical Director has charge and direction of the physical training which is carried on by the teachers and the group leaders under them. The various things above mentioned are not necessarily in the order of their importance, but in the order in which they were introduced into the schools. Physical training is of the highest importance, and the value of the constructive health work now carried on is due to the harmonious co-operation that exists in the three divisions of the work.

The work as a whole is well organized and functions smoothly. When the State establishes a standard for towns, as it doubtless will in the near future, Ipswich should be able to adjust itself to that standard with little difficulty.

In the nurse's annual report, which is to follow, is given in detail a large amount of information dealing with the findings of the department as a whole.

These findings show that of the 1079 children examined, 427 showed health defects of sufficient gravity to necessitate sending to the parents the forms of notice provided by the State. These forms show what the defects are and advise the parents to consult a physician or dentist as the case may require. There is nothing compulsory about these notices and the parents may ignore them if they wish -- but generally they heed them and as a result many of the defects are corrected. The examinations each year show that a goodly percentage of the defects recorded the year before have been treated, thereby preventing further development of diseased conditions, in many instances effecting a permanent cure.

Two cases of incipient tuberculosis were disclosed by the examinations in September, and as a result measures were taken whereby the children may be restored to health. Had these cases not been early discovered, it might have been a different story.

Another result of these examinations is that 72 children were treated at the Dental Clinic at the Cable hospital, and 114 by private dentists, making in all 186 children who received treatment for defective teeth. This is a part of the practical intensive work performed by the school nurse. There were also performed 32 tonsil-adenoid operations, and treatment was furnished for a number of other conditions which the examinations revealed. All of which results were obtained by the painstaking care of the nurse.

It would be impossible in a report of this kind to state in detail all that has been attempted and all that has been accomplished through the work of this department. The instances cited above, however, are fairly representative of the conditions which the department is trying in a practical way to meet.

The most serious single problem met with among the children is that of underweight, which is in many instances due to impaired nutrition. It is the same problem which the army found in the draft, and in about the same proportions. It ranges about the same among the school children of Ipswich as in other places. The records of the army show that the training exercises to which all recruits were subjected had a martial beneficial influence upon all those of relatively poor nutrition, and a gain in weight was the almost universal result. In the physical training as carried in our schools with the setting-up exercises, semi-military in character, results are already apparent in improved nutrition, and if it were possible for school children to be fed in the same scientific way, their ages considered, as those who receive military training, there would doubtless be still further improvement. Of course this is not practical, but it does suggest certain things that may be done to help, which other places have tried and found to be beneficial. One of these is through school lunches.

School lunches are served in Boston and most of the sub-

erbs. Notable results have been obtained in Brookline and other places throughout the State. Some places, notably Chicopee, a fair sized city, and Falmouth, a small town, have tried it in group units and have found that, as a result of morning recess luncheons, the pupils in these units have increased in weight considerably beyond the children outside these groups. Many other places could be mentioned where this has been tried with like results, but these places are mentioned as good examples of an industrial city and a rural community of widely varying conditions, where similar good results were obtained.

The lunches were simple in character, soup, milk, and cocoa being served, sometimes one, sometimes another. All of the things mentioned could be served without much expense or trouble even in what might be called rural schools. Any system of schools having a well organized domestic science department is in a position to try this experiment on the group unit plan with a minimum of expense. It is certainly worth the thoughtful care and consideration not only of the school authorities, but of the parents of the community as well.

Suggestions: Closer co-operation between the departments of hygiene, physical training and domestic science, and also with the teachers as a unit. Such co-operation would work to the advantage of all in a health educational sense. Occasional talks by the school nurse and the school physician to the teachers would help to an all around understanding of the problems involved, and out of the free discussion that would be sure to arise at such meetings, all could gain a little something more to pass on to the benefit of the children,

I wish, sir, to thank you most heartily for the sympathetic help and patient consideration you have shown of the efforts that

have been made to try and make this department practical and efficient.

Respectfully submitted,

GEO. E. MACARTHUR, M. D.

School Physician.

SCHOOL NURSE.

To the Superintendent of Schools,
Ipswich, Mass,

Dear Sir:—

The following regular weekly schedule of the school nurse will give an idea of the work covered thruout the year.

Monday: the four rooms of the Junior High School are visited and a Fourth Grade in the Winthrop School.

Tuesday: a Sixth Grade in the Winthrop School, the Cogswell, Wainwright, Dennison and Warren Street Schools.

Wednesday: two Sixth Grades in the Winthrop Building and the Payne School.

Thursday: a Fifth Grade in the Winthrop School, and the Burley School.

Visits to the Linebrook and Candlewood Schools once a month.

These visits consist of a thorough inspection of the school children and health talks on Personal Hygiene, covering Contagious Diseases, Cleanliness (taking in the care of the whole body, eyes, ears, teeth, nose and throat, hair etc.) Exercise, Proper Food, Fresh Air and Sunshine and Sleep.

Reports of the pupils absent on account of sickness are made to the Nurse followed by home visits by her. There were 749 home visits made this last year.

Together with the above work the nurse assists the School Physician in the physical examinations, where every child is examined, weighed and measured and results of same recorded on cards against a standard weight for boys and girls furnished by the government. There are physical record cards kept of every school child and these contain the defects, also weights and heights. Children underweight are recorded as well as those with defective teeth, eyes, tonsils and adenoids. A card is sent to the parents of all children found to need attention. 507 notices were sent to parents concerning 427 children.

The children are weighed quarterly and to each child of normal weight a red star is given and to those within two pounds of same a blue star is given. A weight record card has been made by the Nurse for each room and results of individual weighings are registered on same, causing quite a bit of interest to the children. The percentage of underweights in the school is amazing and would list below our first weighing in September.

Cogswell School.

Grade 1	47 per cent Underweight
Grade 2	67 per cent Underweight

Dennison School.

Grade 1	60 per cent Underweight
Grade 2	11 per cent Underweight

Grade 3	54 per cent Underweight
	Warren St. School.
Grade 4	41 per cent Underweight
Grade 5	44 per cent Underweight
	Wainwright School.
Grade 1 & 2	71 per cent Underweight
	Winthrop School.
Grade 4	75 per cent Underweight
Grade 5	74 per cent Underweight
Grade 6	81 per cent Underweight
Grade "	68 per cent Underweight
Grade "	51 per cent Underweight
Grade 7	52 per cent Underweight
Grade 8	58 per cent Underweight
	Burley School.
Grade 1	75 per cent Underweight
Grade "	62 per cent Underweight
Grade 2	70 per cent Underweight
Grade 3	72 per cent Underweight
Grade 4	58 per cent Underweight
Grade 5	33 per cent Underweight
	Payne School.
Grade 1	18 per cent Underweight
Grade 2	42 per cent Underweight
Grade 3	72 per cent Underweight
	Linebrook School.
Graded School	29 per cent Underweight
	Candlewood School.
Graded School	51 per cent Underweight
	High School.
Freshmen	67 per cent Underweight

Sophomores	69 per cent Underweight
Juniors	54 per cent Underweight
Seniors	45 per cent Underweight

Would make mention here that the second weighings have begun and in some of the class rooms a considerable decrease in the percent of underweights is shown, due to the interest thru these class room record cards. In one of the Fourth Grades the second weighing shows a decrease over that of the September weighing by 23 per cent and in another a decrease of 14 per cent, and so on.

The Women's Club has given to the Schools four scales for the weighing, for which we are very grateful.

A Dental Clinic is held at the Cable Hospital every two weeks, and another duty of the school nurse is get the children together for this and go with them to the Hospital. The dental clinics are made possible by Dr. F. W. Kyes, who kindly gives half a day each two weeks to the needs of the children.

Several visits have been made by the Nurse with children to Oculist in Salem and glasses provided thru various agencies.

Many treatments are given at the office of the Nurse in the Winthrop Building and many of the Mothers have come for consultations.

General Summary of Nurse's Report.

School Visits	326
Class Visits	630
Talks	596
Treatments	241
Inspections	21159
Home Visits	749
Dental Clinics — <i>children treated</i> —	72
Oculist	7

Private Dentists — <i>children treated</i> —	114
Private Dentists — <i>with nurse</i> —	5
Children weighed & measured	2083
Physical Exams.	1079
Consultations	53
Exclusions — Empitigo 3 — Ring Worm 2	

Summary of Various Absences Thruout Year.

Tonsil & Adenoid Operations	32
Appendicitis	2
Broken Legs	2
Scarlet Fever	12
Tonsilitis	3
Diphtheria	2
Typhoid	10
Whooping Cough	26
Chicken Pox	6
Mumps	3
German Measles	2
Pneumonia	5
T. B. Hip	2
Pulmonary T. B.	1
Water on Knee	1
Nephritis	3

Respectfully submitted,

MARTHA J. STEWART, R. N.

School Nurse.

PHYSICAL EDUCATION.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

I am glad to be able to report general improvement in Physical Training activities in all the schools particularly in the Senior High School. A decided change in the attitude toward pupil-management in Physical Training has taken place. This has most favorably re-acted upon the student body and was proven by a most excellent demonstration during a competition recently. The leaders are performing their work with dignity and enthusiasm and the results for the groups were most noticeable. This was especially expressed in the vigor of their exercises and in their general postures.

The Field Day last spring demonstrated the general improvement, all along the line, in the Primary and Grammar Grades and Junior High School. The formal exercises, the games and the dances were far better than the previous year. I beg to acknowledge here the fine work of our teachers. I believe we have made considerable progress also in having both teachers and parents appreciate the fact that Physical Training is not only a measure for the promotion of public health, but also an important educational force for the development of character. Charac-

ter, is in a measure, a plexus of motor habits. Wishing to do good, wanting this and that, does not make for strong character. A boy must have the will power to *do* things. This means that he must have first of all control over his muscles. In this way does Physical Training prove to be the basis of character development. In other words our teachers and our people are beginning to appreciate that to keep the body and mind in tip-top condition means the development of "morale."

I beg to acknowledge at the same time my appreciation of your inspiring co-operation.

Respectfully submitted,

ERNST HERMANN,

Director of Physical Education.

DOMESTIC SCIENCE.

SEWING.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir;—

The work in the sewing course is planned to teach the

girls the fundamental stitches and how to apply them on simple garments. Comparison is made between home-made and ready-made clothing with regard to durability and economy.

The girls begin sewing in the fifth grade. The child learns the stitches on a practice piece and then applies them on the article she is making. Bean bags or iron holders are made first on which the child learns basting and overhanding. The other plain stitches are practical on a sewing bag or school bag. She then makes a butcher's apron which gives her more experience in hemming. This is the most difficult stitch for the child to learn.

In the sixth grade, nightgowns, kimonos, bloomers, princess slips, petticoats and aprons of different kinds are made. The girls use the machines for their long seams. It requires much time to learn to stitch straight. The girls meet with more difficult problems such as arranging gathers on a belt, making wide hems and plackets. They are taught the use of commercial patterns but most of the actual cutting of garments has to be done outside of class. There are as many as twenty-five girls in some classes and it is impossible for one teacher to supervise the cutting of a garment for one child and at the same time answer questions for twenty-four others. The period for sewing in the fifth and sixth grades is only forty-five minutes. Individual attention has to be given each child and with such large classes the progress is slow.

Some of the girls bring in old clothes to be made over. This is a very practical phase of dressmaking. The townspeople sent in sewing last year and this helped to keep many girls busy who could not afford to bring their own material.

In the seventh grade the girls have but one half year of sewing. They get more practice in the use of machines while making their cooking outfit. If this is accomplished before Christmas the girls bring their Christmas presents and work on them in class time. Underclothes, blouses and dresses are also made

and repair work and darning taken up.

In the eighth grade the work is more advanced. The need and capability of the girl is always considered. If a child does not need a certain garment she is not required to make it. Various articles of clothing and household linens are made. The girls make a simple study of textiles. This makes them more familiar with the common kinds of cloth and the use of each. Different weaves are studied and samples of each are brought by the girls.

This course aims to teach the girls to make and repair their own clothes. They are interested in the work and the results obtained in most cases are very gratifying.

Respectfully submitted,

MARION E. BROWN.

COOKING.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

The course in cooking begins the second half of the seventh grade. The work is planned to give the girls a knowledge of food material and its preparation. They study the origin of food used in class, its composition and use in the body. It is essential to understand the composition of food in order to purchase it wisely.

When the girls begin cooking they spend several lessons preparing simple dishes for breakfast, such as cereals, cocoa, quick breads and toast. Table setting is taken up and then the girls have a practical review lesson. They set the table for breakfast, prepare and serve the meal.

At the beginning of the course much time has to be devoted to the general routine of the work. Each girl has her own drawer with her utensils in it and she is held responsible for the cleanliness and order of these at the close of each lesson. The girls take turns in doing the general duties of housekeeping as sweeping, washing dish towels and arranging the cupboards. It is surprising to note how quickly the girls become interested in cooking. They are always anxious to take home their note books and try their recipes at home.

After the work on breakfasts simple and nutritious dishes for luncheon and supper are made. The recipes are chosen which are cheap and yet furnish a high food value. The class time is short so that the actual cooking of certain dishes which require much time has to be omitted.

The course is not planned wholly on the meal basis system for the food principles and various ways of cooking have to be considered. For instance, the girls devote several lessons to baking taking up the subject of bread, cake and cookies: study the composition of vegetables and the different ways of preparing them. Deep fat frying and steaming are considered. At Christmas time, now that sugar is cheaper, we make several kinds of candy.

In the fall of the year the townspeople send in fruits and vegetables to be canned. They furnish sugar, jars and any necessary supplies and the girls do the work. In this way they gain a practical as well as theoretical knowledge of canning and preserving. This year some people contributed fruits and vegetables to be canned for the hospital. The girls made two bushels

of grapes into jelly and later pickled two bushels of tomatoes.

One afternoon each week after school hours the High School girls are given instruction in cooking. The work is along the same lines as that in the grades but more advanced. These girls have had more experience and can accomplish more in the class time. The latter part of the year they studied invalid cookery, taking up the subject of gruels, broths and various beverages used in the sick room.

All the work done in this department is of a practical nature and aims to make the girls capable, neat and helpful at home.

Respectfully submitted,

MARION E. BROWN.

MANUAL TRAINING.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

In submitting this report of the work done in the manual training department for the year just closed, I have but little to add by way of change in method or program from that of pre-

vious years.

Since it was decided to take the ranks of the pupil's work in this department in connection with his ranks in other school work in taking his average for promotion, there has been a decided change for the better in both effort and accomplishment. Good work counts in the pupil's favor and poor work counts against him as it does and will in life later on. This has removed a great handicap and made my work much easier. The pupil, too, feels that the work here has a larger value than he had ever placed upon it before, and he does better work.

If the parents could be persuaded to look upon this work in the same light, and would show a larger spirit of co-operation, I feel that much greater improvement could be made.

On the whole the work is receiving much more of the pupil's interest and a much better start has been made for the coming year. While holding strictly to the fundamentals — measuring and marking and sawing, exactly to dimensions, we have undertaken a larger variety of work in order to keep up the interest, and the work is made more difficult as the pupil gains in skill.

The articles made are all of practical use in the house, and this also creates an interest. The following is a partial list of what we have made: — Ironing-boards, coat-hangers, towell-rollers, bird-houses, book-racks, flower-sticks, stools, flower-stands, block-puzzles, crickets, skis, dog-houses, piano-benches, tables, and so on.

We shall try to teach some of the simpler methods of upholstering so that the pupil may have the satisfaction of doing all the work required for the completed article. This will be of great help in the work of the home, and save both time and expense.

In this connection, too, the uses of sheet-metal work will be found valuable. The reading of gas and water meters, and the knowledge of the construction and how to repair a leaky faucet

will be useful.

We are trying to make a collection of the various kinds of wood in common use. These will be cut to cabinet size and show by means of the different section faces how the appearance of the grain of wood is dependent upon the method of sawing.

The pupils already know how to estimate the age of trees by the annual rings, and to identify the northern and southern exposures. A nail card showing the different sizes and uses of nails, and the different methods of manufacturing the same, has been started.

The largest project of the year will be a model of window construction. This will include the frame or casing, the pulleys, cord, and weights, the glazed sash with its proper fastenings in place, the screen and shade, all to be in complete working order, and properly secured to the building itself.

Dowell and mortise jointing are to be taken up in connection with the construction work of the various articles made.

A machinists vise for simple jobs of iron work is greatly needed; and much instruction in simple repair work could be introduced and taught if such an implement could be purchased.

Respectfully submitted,

ARTHUR W. GOULD.

MUSIC.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

In submitting to you my report of the music in the Ipswich schools, there are only one or two matters of particular importance that I wish to bring to your attention. First, the advisability of changing the hour of the music period in the grades. At present, the teacher has her music lesson from 3 to 3.30 in the afternoon. While this may be a very good hour for the singing of songs, I very strongly advise that the technical part of the work be taken up when the children are not completely tired out from a full days work. If part of the time, perhaps ten minutes, could be devoted to song work during the last of the school session and the technical work presented while the pupils are fresh, I feel that the results obtained would be much greater than at present. May I ask you to give this matter your very careful consideration?

As you know, since the opening of school in September, we have been devoting a great deal of time to individual work in the schools.

The work in music is being presented with two particular objects in view. First, to create a love for good music, which we

hope to obtain by the singing of good songs, and second, to teach the child to read music. The former is very simple, the latter, very difficult. There is no subject in the school course of study where the individual pupil has such a good opportunity to shirk. While the majority of the class may be working, it is impossible to tell if the individual is getting the most out of his study or whether he is lagging behind and depending upon the rest of the school to carry him along. For this reason every pupil is obliged to read individually and he is ranked according to his ability. In this manner, we hope to bring our music to a much higher plane.

Rote songs only are taken up in the first grade and technical work started in grade two. From there to the High School we hope to produce the greatest results.

In our high school at present we have a choir consisting of the full school and a girls' glee club of thirty-five members.

The opera given by the High school last year was a big success but it seemed inadvisable to do the same thing this year as it requires a great deal of time and study taken from the regular work.

On the whole, I consider the work in our schools, this year, to be far ahead of any since I have held the position of Supervisor.

I wish to take this opportunity to thank you, the teachers and all who have so ably assisted me during the past year,

To you, Mr. Superintendent, I expressly wish to show my gratitude, for the great amount of interest you have taken in music. Without the co-operation you have given me, I feel that we should be far below the present standing.

Respectfully submitted,

ARTHUR HAROLD TOZER,

Supervisor of Music.

ATTENDANCE REPORT.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

I submit, herewith, the following report of attendance for the year ending December 31, 1920.

I have investigated 262 absences and found the reasons for the same as follows: —

Sickness	98
Kept out by parents	42
Truants	27
Lack of clothing	22
Found on street and taken to school	27
Cases in court	1
Left town	27
Taken to school from home	18
<hr/>	
Total — — —	262

The attendance has been much better the past year than for 1919. Fewer pupils have left school for employment, and the general attendance has improved.

Respectfully submitted,

GEORGE W. TOZER

Attendance Officer.

Distribution of Pupils In the Ipswich Schools By Grades and Ages.

AGES

GRAD	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	TOTAL
1	31	93	28	5	3	-	-	-	-	-	-	-	-	-	-	210
2		40	83	56	19	2	-	1	-	-	-	-	-	-	-	140
3		4	38	52	29	12	1	3	1	-	-	-	-	-	-	130
4			7	31	42	30	11	5	2	1	1	-	-	-	-	-
5				2	14	29	31	22	6	2	-	-	-	-	-	107
6					5	18	37	43	22	8	1	-	-	-	-	124
7						4	14	24	32	13	2	1	-	-	-	90
8							1	10	21	19	4	-	-	-	-	55
9								1	5	26	8	9	3	-	-	52
10									1	3	8	22	12	1	-	47
11										1	8	8	4	4	-	25
12											2	7	11	6	2	28
	81	137	156	146	112	95	95	110	92	78	48	37	19	11	2	1219

Included in Grade 12 and under ages 18 and 19 are 3 post-graduate pupils.

No School Signals

--- OF ---

The Ipswich Public Schools



4 blasts at 7.30 — No MORNING SESSION in any school.

4 b'asts at 8.00 — No MORNING SESSION in the first five grades.

4 blasts at 11.00 — No AFTERNOON SESSION in any school.

4 blasts at 11.30 — No AFTERNOON SESSION in the first five grades.



In the absence of any signal at 11.00 or 11.30, the afternoon session will be held as usual. Teachers and pupils must be present at such sessions as on other days.

All should bear in mind that the 7.30 and 8.00 o'clock signals no not excuse for the entire day.

REPORT OF PLAYGROUND COMMITTEE.

The sub-committee appointed by the school committee to arrange for playground work for 1920, respectfully submit to the voters and Townspeople a report of the work accomplished. Also a statement covering the expenditures of the money appropriated by the town for this work.

The committee was fortunate in having such a capable instructor on playground development in Miss Inez Boynton of Woburn, Massachusetts. The program covering this work was advertised in our local papers, also placarded in different parts of the town. The first week was rather discouraging to the committee, as well as to the instructor, the total enrollment being but 15, but as the days went on the enrollment grew larger so that the last week's enrollment showed a total of 151.

The daily classes consisted of raffia work, setting up exercises, fist-ball games, and base ball games, also sand boxes, benches, and tables were available for the little tots. Parents of the children who took part in these games were in evidence at the grounds daily. The program came to a conclusion in the latter part of August, at which time the committee attended, and the

different games, folk dances, and exhibit of raffia work was enjoyed by them as well as by a number of the townspeople.

The results obtained by Miss Boynton were indeed very gratifying owing to the fact that Miss Boynton was only here for a period of six weeks; and the committee feels that she was a very capable instructor and has opened the way for further advancement in this good work and would urge that this work be carried out.

Paraphernalia purchased this year consisting of base-ball and foot-ball equipment, and all lumber used for sand boxes, tables, benches, is available for next year.

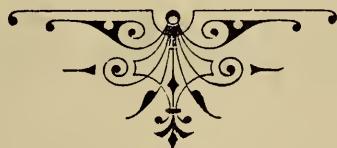
The committee wishes to thank the parents of all children enrolled, and any who helped in any way towards the carrying out of this program which proved to be so successful.

A statement of expenditures is as follows:

Miss Boynton - - - Instructor	\$ 210.00
(Joseph Martel - - - Labor and teaming	43.00
(fixing ball grounds for Am. Legion	
John E. Greene - - - carpentry	35.36
Edmund Wile - - - trucking sand	20.75
Frank E. Wood - - - moving piano	6.00
Canney Lumber Co, - - - lumber	10.44
Wright & Ditson - - - supplies	53.38
John Goodhue - - - "	2.10
C. F. Chapman & Son - - "	2.20
Inez Boynton - - - "	7.66
Newman's Dept. store - - "	2.25
Racket Bargain store - - "	5.88
Alexander Robertson - - - painting signs	5.00
(Edwin H. Rogers - - - plans for future	62.85
(playground development	
	\$ 466.87

Unexpended balance	—	—	\$ 33.13
Appropriation	—	—	\$ 500.00

GEORGE E. MACARTHUR)
LESLIE E. MILLARD) — Committee
CHARLES H. GALLIGAN)



*LIST of TEACHERS**— IN THE —**Ipswich Public Schools.*

Ralph C. Whipple	High School
Lois E. Mann	" "
Elizabeth C. Ferguson	" "
Helen J. Blodgett	" "
Helen N. Damon	" "
Theresa R. Whittmore	" "
Lura L. Cole	" "
E. Margaret Allen	" "
Katherine F. Sullivan	Winthrop
Gertrude R. Sheppard	"
Abby L. Smith	"
Mabel V. Ladd	"
Mary D. Hamelin	"
Leroy W. Jackman	"
L. Eva Stearns	"
Marion E. Brown	Domestic Science
E. Mabel Adams	Winthrop
Abby Fellows	"

Hazel M. Weare	Burley
Ruth F. Joyce	"
Nellie T. Smith	"
Lydia S. Harris	"
Amy Stanford	Portable
Ethel M. Archer	"
Grace A. Bowlen	Payne
Winifred Millard	"
Frances P. Trussell	"
Annie P. Wade	Dennison
Lucy Ardell Kimball	"
Eva A. Willcomb	Warren St
Helen W. Marr	"
Gertrude Mansfield	Cogswell
Mrs. Ralph Ladd	"
Susan E. Lycett	Linebrook
Myrtle H. Cunningham	"
Augusta Greenache	Wainwright
Lena J. Atherly	Winthrop
Arthur A. Tozer	Music
Ernst Hermann	Physical Training
Cora H. Jewett	Grape Island
Martha J. Stewart	School Nurse
Joseph I. Horton	Superintendent

VITAL STATISTICS.

We have taken these tables of vital statistics from copies furnished us by our Town Clerk, Mr. Charles W. Bamford. In every case persons born in any of the British Provinces, Ireland, Scotland or Wales have been excluded. It will be seen from the table that the number of foreign fathers has increased 100 per cent since 1912.

Births.

Year	Number	Foreign Fathers	Foreign Mothers
1912	159	57	59
1913	146	62	62
1914	144	75	75
1915	118	55	57
1916	168	99	100
1917	149	82	78
1918	182	109	107
1919	195	114	112
1920	204	116	110

—
Total and School Populations in ten-years periods, together with increase and percentage of increase during those intervals.

	1900	1910	Increase	Per cent Increase	1920	Increase	Per cent Increase
Total Population	4,658	5,777	1119	24x	6,201	424	7.33x
School Enrollm't	825	875	50	6x	1,219	344	39.31x

Percentage of increase in last four years

20x

SCHOOL CALENDAR FOR

1921

Term	Begins	Closes
Winter	January 3	February 25
Spring	March 7	April 29
Summer	May 9	July 1
Fall	September 7	December 23

Teachers must report for duty on Tuesday, September 6, at 9 a. m., one day previous to the opening of school for the fall term.

Holidays.

Every Saturday; Columbus Day, October 12; Wednesday Afternoon, Thursday and Friday of Thanksgiving Week; January 1; February 22; April 19; Memorial Day; June 17; and Good Friday.

Forty-Sixth Annual Commencement**.....OF THE.....****Manning High School, Class of 1920****THURSDAY, JUNE 24, 1920,****PROGRAM**

Invocation	Rev. Carroll Perry
Pianoforte Solo	Miss Beatrice Connor
	Caprice-Bohemienne
Salutatory	Alice Davis
	Our Problems
School Chorus	
"Wake, Miss Lindy"	Warner
Essay	
Violin Solo	Mr. Louis Bean
	Gypsy Dance
Class History	Miss Cleola Davis
School Chorus	
"A Night in June"	Tarpett
Valedictory	Miss Mary Gordon
	Mulla Vestigio Retrossum
Address By	Rev. Edward Cummings, D. D.
	"The Art of Living"

Presentation of Diplomas Herbert W. Mason
Chairman School Committee

School Chorus "Star Spangled Banner"

CLASS OF 1920.



CLASS OFFICERS.

Franklin Frazer Hulbert	President
Permilia Gould	Vice-President
Beatrice Margaret Connor	Secretary
Alice May Davis	Treasurer

COLLEGE COURSE

Louis Bean, Jr.	Elcy Elvira MacKinney
Mary Evelyn Gordon	Mary Appleton Nourse
Raymond Miles Sullivan	

SCIENTIFIC COURSE.

Bernard Mark Sullivan

GENERAL COURSE.

Warren Emerson Brown	Cleola Ethelyn Davis
Beatrice Margaret Connor	Henry Francis Hills
Barbara James	Rosamond Lillion Scahill

COMMERCIAL COURSE.

Mabel Gertrude Anthony	Nathaniel Archer
Helen Gertrude Chapman	Alice May Davis
Permelia Gould	Ellen Mary Edna Herlihy
Franklin Frazer Hulbert	Hazel Estelle Rogers
	Bernice Vernon Whittier

JOSEPH I. HORTON	Superintendent
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SCHOOL COMMITTEE.

H. W. Mason	Dr. George E. MacArthur
Luther Wait	William J. Riley
Charles H. Gelligan	Leslie C. Millard

TRUSTEES.

George E. Farley	Joseph W. Ross	Daniel Safford
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TEACHERS.

JOHN P. MARSTON	Principal
	Ralph C. Whipple
Elizabeth Ferguson	Lois B. Mann
Elizabeth M. Wood	Miriam Cushman
Evelyn C. Silva	Helen Damon
Anna L. Nason	Marion Brown
Arthur W. Gould	Arthur H. Tozer





APPENDIX.



Auditor's Report.

To the Citizens of Ipswich:

I herewith submit the Annual Report of the Heard, Treadwell, Manning School and R H Manning Funds as compiled from the books of the Treasurers. I have found receipts for all bills paid and have examined the various stocks and bonds of which these funds are composed and have found them to agree with the reports submitted.

FREDERICK S. WITHAM,
Auditor.

February 4, 1921.

Manning School Fund.**Receipts:**

Cash on hand January, 1919	\$ 1664 37
Income from investments and rentals	2401 00
	<hr/>
	\$ 4065 37

Expenditures

Taxes, insurance and miscellaneous expenses	\$ 2045 19
Salary High School Principal	120 00
Deposited in Ipswich Savings Bank	1000 00
Cash on hand, Feb. 1, 1921	900 18
	<hr/>
	\$ 4065 37

Manning School Fund Securities.

12 1000 4 per cent Peoria & Eastern 1st mtg. bonds	\$ 12000 00
2 1000 5 per cent N E Brick Co bonds	2000 00
15 shares Patterson Bridge Co	1000 00
3 1000 4 1-2 National RR Mexico 1st mtg. bonds	3000 00
1 1000 4 percent " " " " "	1000 00
1 500 4 percent " " " " "	500 00
1 100 4 percent " " " " "	100 00
Invested in Master's House	7000 00
Invested in Colonial Building	18000 00
Deposit in Ipswich Savings Bank	1000 00
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	\$ 45600 00

R. H. Manning Fund.**Receipts:**

Income since last report	\$ 425 42
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R. H. Manning Fund Securities.

60 shares Patterson Bridge Co	\$ 4000 00
33 shares Pere Marquette RR Co	561 00
Deposited in Ipswich Savings Bank	5582 02
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	\$ 10143 02

Heard Fund of Ipswich Public Library.**Income:**

Balance on hand January 1, 1920	\$ 1547 57
Received from investments	906 00
Received from Treadwell Fund	800 00
	<hr/>
	\$ 3253 57

Expenditures:

Salaries	\$ 968 65
Purchase of Liberty Bond	1115 10
Insurance and miscellaneous expenses	738 17
Balance on hand January 1, 1921	431 65
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	\$ 3253 57

Securities Comprising Heard Fund.

33 shares B & M RR, 1st prfd., class B, form. B & L RR	\$ 1390 13
35 shares B & M RR, preferred	875 00
10 shares B & M RR, 1st prfd., class A, form. Fitch. RR	305 00
1 share C B & Q RR, 3 1-2 per cent bond	960 00
1 United Electric Light and Power bond	800 00
3 Northern Pacific Great Northern 4 per cent bond	2490 00
1 Aurora, Elgin & Chicago RR, 5 per cent bond	200 00
3 Quincy Gas & Electric Heating Co, 5 per cent bond	1950 00
1 Waterloo, Cedar Falls & Northern RR bond	350 00
Deposited in Ipswich Savings Bank	243 90
Liberty Bonds	1200 00
	<hr/>
	\$ 10764 03

Treadwell Fund.

Income:

Cash on hand January 1, 1920	\$ 1328 62
Received from investments	1485 26
	<hr/>
	\$ 2813 88

Expenditures:

Salaries	\$ 50 00
Purchase of Liberty Bond	929 00
Transferred to Heard Fund	800 00
Miscellaneous expenses	932 36
Balance on hand January 1, 1921	102 52
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	\$ 2813 88

Securities Comprising Treadwell Fund

50 shares B & M RR, 1st preferred, formerly Fitch. RR	\$ 1525 00
30 shares Old Colony RR, preferred	2175 00
25 shares B & P RR, preferred	3125 00
25 shares Me Central RR, preferred	850 00
25 shares B & A RR	3056 25
25 shares Vt & Mass RR	1875 00
1 City of Fostoria, Ohio, 4 per cent bond	485 00
1 American Tel & Tel Co, 4 per cent bond	943 75
1 Aurora, Elgin & Chicago RR, 5 per cent Bond	200 00
1 Kansas Gas & Elec. Co, 5 per cent bond	925 00
1 Quincy Gas & Elec. Heating Co, 5 per cent bond	650 00
1 Waterloo, Cedar Falls & Northern RR bond	350 00
1 Missouri Pacific RR bond	402 50
3 Liberty Bonds	2000 00
Deposited in Ipswich Savings Bank	876 30
Deposited in Salem Savings Bank	750 00
	<hr/>
	\$ 20188 80

Thomas H. Lord Fund.

Amount of fund January, 1920	\$ 1057 40
Income from fund for year 1920	42 50
Amount of fund January, 1921	\$ 1099 90

FEOFFEES OF GRAMMAR SCHOOL. 1919-20.

Property in their hands is as follows:

Little Neck valued at	\$5000 00
Deposited in Ipswich Savings Bank	8297 06
Deposited in Ipswich Savings Bank, Essex Sch. Farm	1749 50

Income and receipts since last report as follows:

From land rent at Little Neck	\$2059 90
From taxes, cottage owners Little Neck	1591 76
From cottage owners, subscriptions for road repairs	140 00
Interest, Ipswich Savings Bank	390 08
Miscellaneous	4 00
	4185 74

Disbursements:

J. P. Marston, salary	\$ 280 00
Canney Lumber Co., lumber	51 46
Rees Jenkins, labor	649 69
Joseph A. Beaulieu, labor	260 91
Damon & Damon, insurance	109 50
Edwin M. Poole, labor	15 76
John W. Goodhue, sundries	21 52
George Hayes, labor	23 28
Town of Ipswich, taxes	1393 40
Ernest Peabody, labor	26 50
Town of Ipswich, water	8 10
Est. J. A. Blake, sundries	3 70
A. C. Damon, sundries	2 35
George E. Farley, salary as treasurer	100 00
Miscellaneous	13 00
	\$2959 17
Income over expenses	1226 57
	\$4185 74

GEORGE E. FARLEY, Treasurer.

Burley Education Fund.

The Trustees of the Burley Education Fund present here-with their ninety-fifth Annual Report.

The funds in their hands are as follows:

In Ipswich Savings Bank	\$ 3596 10
Caldwell Fund in Ipswich Savings Bank	1196 51
In Salem Savings Bank	1744 32
In Salem Five Cents Savings Bank	2164 22
Fifteen shares, common, B & M Railroad Stock	345 00
Liberty Bonds, second issue, converted	700 00
Liberty Bond, fourth issue	1000 00
	<hr/>
	\$ 10746 15

Income for the year 1920 has been as follows:

From Ipswich Savings Bank	\$ 136 52
From Caldwell Fund	46 46
From Salem Savings Bank	67 88
From Salem Five Cents Savings Bank	94 19
From Liberty Bonds, second issue	29 75
From Liberty Bond, fourth issue	42 50
	<hr/>
	\$ 417 30

Frank T. Goodhue
 John W. Nourse
 A. Story Brown
 Joseph T. Morton
 George W. Tozer

Ipswich, Mass., January 10, 1921.

I hereby certify that I have this day audited the accounts of the Burley Education Fund and find that the same are correct as shown by the above report. Frederick S. Witham, Auditor

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